7N5012006DG

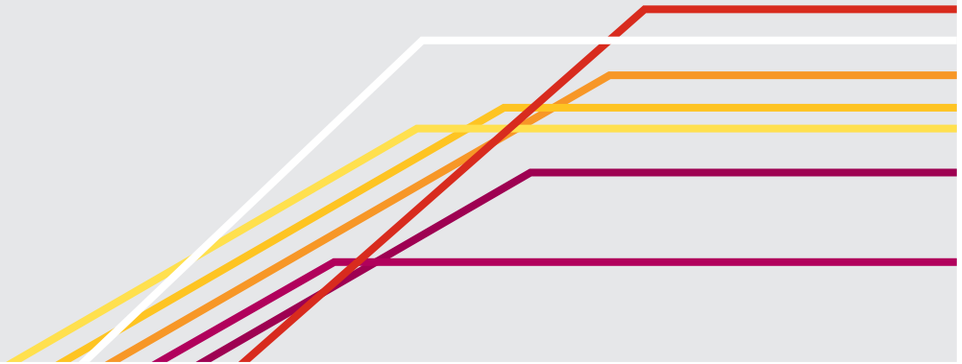
Inglés 7N5012006DG (07.12) (GT9)

SEAT

SEAT

Media System 3.2

Owner's manual



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General information

This manual contains information, recommendations, advice and warnings related to your radio system. The other publications in the vehicle documentation contain further information of which you should be aware for your own safety and for that of your passengers.

Ensure that the onboard documentation is kept in the vehicle at all times. This is especially important when lending or selling the vehicle to another person.

This manual contains a description of the **equipment** supplied with the vehicle at the time of press. Some of the units described herein will not be available until a later date or is only available in certain markets.

The **illustrations** are intended as a general guide and may vary from the equipment fitted in your vehicle in some details.

The **screen colour** and the colour of the information displayed on it can vary according to vehicle model.

Directions and positions of components (e.g. right, left, front, rear) are always relative to the direction of travel of the vehicle unless otherwise stated.

The equipment marked with an asterisk* is only supplied as standard in certain model versions, is optional in others or is only available in specific countries.

® Registered trademarks are marked ®. The absence of this symbol does not constitute a waiver of the rights concerning any proprietary name.

▶ The section is continued on the following page.

■ Marks the **end of a section**.

WARNING

Texts preceded by this symbol contain information on safety. They warn you about possible dangers of accident or injury.

CAUTION

Texts with this symbol draw your attention to potential sources of damage to your vehicle.

For the sake of the environment

Texts preceded by this symbol contain relevant information concerning environmental protection.

Note

Texts preceded by this symbol contain additional information. ■

Important Information

Important Information. Traffic safety

Travelling on today's roads requires the driver's full attention at all times.

Only operate the radio system and its various functions when the traffic situation really permits this.

WARNING

- **Before starting the trip, you should familiarise yourself with the different radio functions.**
- **High audio volume may represent a danger to you and to others.**
- **Adjust the volume in a way that you can distinguish surrounding noise, for example, horns and sirens, etc.**
- **Radio settings should be made when the car is stopped or by a passenger.**

Note

The card bearing the radio code is available according to the model of the vehicle. Separate the radio card and keep it in a safe place, but never inside the vehicle. If the card bearing the radio code is lost, go to a SEAT dealership, where you will be given help.

Introduction

Before using the unit for the first time

Before using the unit for the first time, carry out the following steps. This will enable you to use the unit safely and make full use of the functions it provides:

- ✓ Observe the basic safety notes ⚠ ⇒ page 4.
- ✓ Familiarise yourself with the unit overview ⇒ page 6.
- ✓ Under **Setup System**, reset the unit to its original condition (factory settings) ⇒ page 123.
- ✓ Use suitable data media for media mode ⇒ page 30.

Safety notes

⚠ WARNING

Accidents and injuries can occur if the driver is distracted. Operating the radio-navigation system can distract you from the road.

- **Always drive carefully and responsibly.**
- **Select volume settings that allow you to easily hear signals from outside the vehicle at all times (e.g. emergency service sirens).**
- **Setting the volume too high may damage your hearing. This also applies if you are exposed to high volumes for short periods only.**

⚠ WARNING

The volume level may suddenly change when you switch audio source or connect a new audio source.

- **Reduce the base volume before switching audio source or connecting a new audio source.**

⚠ WARNING

Driving recommendations and traffic symbols displayed by the navigation system may differ from the current traffic situation.

- **Traffic signs and traffic regulations have priority over the recommendations and displays provided by the navigation system.**
- **Adapt your speed and driving style to suit visibility, weather, road and traffic conditions.**

⚠ WARNING

Connecting, inserting or removing a data medium while the vehicle is in motion can distract you from the road and lead to accidents.

⚠ WARNING

Connecting leads for external devices may obstruct the driver.

- **Arrange the connecting leads so that they do not obstruct the driver.**

WARNING

External devices that are placed loose in the vehicle or not properly secured could be flung though the interior and cause injuries during a sudden driving or braking manoeuvre, or in the event of an accident.

- **You should never position or attach an external device on a door, on the windscreen or above or near to the areas marked “AIRBAG” on the steering wheel, the dash panel and the seat backrests, or between these areas and the vehicle occupants. External devices could cause serious injury in an accident, especially when the airbags inflate.**

WARNING

An armrest may obstruct the driver's arm movements, which could cause accidents and severe injuries.

- **Always keep the armrest closed while the vehicle is in motion.**

WARNING

Opening a CD or DVD player's housing can lead to injuries from invisible laser radiation.

- **Have CD or DVD players repaired only by a qualified workshop.**

CAUTION

The unit can be damaged by incorrect insertion of a data medium or insertion of an incompatible data medium.

- When inserting a memory card, make sure it is correctly positioned ⇒ page 30.
- Applying force may destroy the memory card slot's locking mechanism.
- Only use suitable memory cards.
- When inserting and removing CDs and DVDs, always hold them at right angles to the front of the unit. Inserting or removing them at an angle to the DVD drive may lead to scratching.
- Inserting a second CD or DVD while a CD or DVD is inserted or is being ejected can destroy the DVD drive. Always wait until the data medium is completely ejected.

CAUTION

Any foreign objects attached to a data medium and non-round data media can damage the DVD drive.

- Only clean standard 12 cm CDs or DVDs should be used!
  - – Do not affix stickers or other items to the data medium. Stickers may peel off and damage the drive.
  - – Do not use printable data media. Coatings and prints may peel off and damage the drive.
  - – Do not insert 8 cm single CDs or irregularly shaped CDs or DVDs.
  - – Do not insert DVD Plus discs, dual discs or flip discs, as these are thicker than normal CDs.

CAUTION

The vehicle loudspeakers may be damaged if the volume is too high or the sound is distorted.

Unit overview

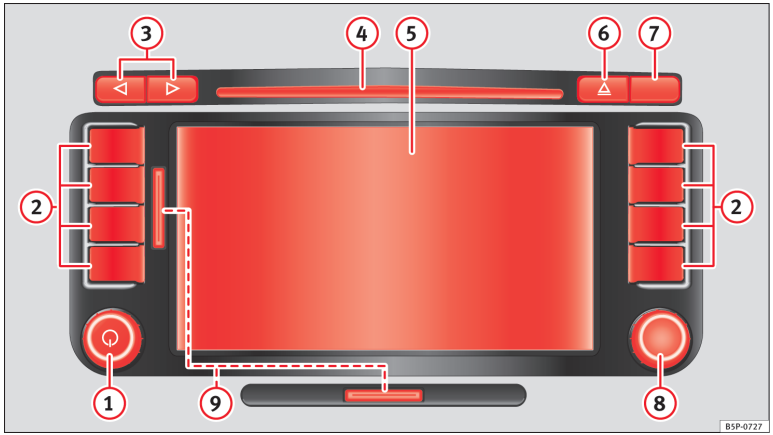

Fig. 1 Overview of the control elements

(1) Rotary/push knob.
- *Press* to switch on or off ⇒ page 8.
- *Turn* to adjust the basic volume ⇒ page 8.

(2) The labelling and functions of the unit buttons vary between markets. To select a function, *press* its unit button:
- RADIO or BAND: Switch to radio mode and change frequency band in radio mode ⇒ page 17.
- MEDIA: Switch to media mode ⇒ page 30.
- PHONE: Open the telephone function ⇒ page 107. The current audio source is muted if no mobile telephone provision is installed.
- TONE or SOUND: Open the sound and volume settings menu ⇒ page 121.
- MAP: Open the map view and show or hide an *additional window* containing further information in the map view ⇒ page 99.
- NAV: Open the *Navigation* main menu ⇒ page 58.
- TRAFFIC: Display stored traffic reports ⇒ page 95.
- SETUP: Switch to the overview of available settings ⇒ page 123.
- MUTE: Mute the unit ⇒ page 8.

▶

- – GUIDE: Repeat the last navigation announcement ⇒ page 89.
- – HOME: Enter a home address ⇒ page 72 or start route guidance to an already stored home address ⇒ page 89.

(3) **Arrow buttons** ◁ and ▷ always affect the currently active audio source irrespective of the menu displayed on the screen.

- – In **all radio modes**, *press briefly* to change the station or channel ⇒ page 17.
- – In **media mode**, *press briefly* to change track or chapter, or *press and hold* for fast reverse or fast forward ⇒ page 30.
- – In **TV mode**, *press briefly* to change station or channel (check the **Presets** display) ⇒ page 50.

(4) DVD slot ⇒ page 30.

(5) Touchscreen ⇒ page 9.

(6) ⏏ CD or DVD eject button ⇒ page 30.

(7) *Press* to select.

- – ☆ **Voice control button**: starts and stops voice control ⇒ page 14.

(8) **Setting knob**: the function of this button depends on the unit's operating state.

- – In **all radio modes:** *turn* for manual station or channel selection. *Press* to start and stop the scan function ⇒ page 17.
- – **Media mode:** *turn* for manual track change. *Press* to start and stop the scan function ⇒ page 30.
- – *Turn* to adjust the **map scale** ⇒ page 99.
- – During active **route guidance**, *press* to repeat a navigation announcement ⇒ page 89.

(9) **Memory card slot**: The slot is located underneath or to the left of the screen depending on the vehicle version ⇒ page 30. ■

General information on operating the unit

Introduction

Due to changes to settings, the display content may vary and some aspects of the unit's operation may differ from the descriptions given in this manual.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6

Note

Lightly pressing the buttons or briefly pressing the touchscreen is sufficient to operate the unit.

Note

After you make entries, the radio-navigation system may need a few seconds for processing and may not respond to operation of controls. Nevertheless, do not continue to operate the unit, because operating sequences that have been input are “memorised” and “processed” in succession once the background processes have been completed.

Note

Not all listed function buttons and functions may be available due to the device software used in your market. The equipment is not faulty if a function button is missing from the screen.

Note

Due to country-specific legislation, certain functions cannot be selected on the screen when the vehicle is travelling above a certain speed.

Note

Using a mobile telephone in the vehicle may cause noise from the vehicle loudspeakers.

Note

In some vehicles equipped with a parking distance warning system, the volume of the current audio source is automatically lowered when reverse gear is engaged.

Switching on and off

- To switch the unit on or off manually, briefly press the rotary/push knob ⇒ Fig. 1.

When the unit is switched on, the system starts up and the audio source last played will be activated.

Depending on the unit version and the country, the unit may be switched off automatically when the engine is switched off or the vehicle key is removed from the ignition lock. If the unit is switched on again, it will be switched off automatically after approximately 30 minutes (switch-off delay).

Anti-theft coding

Once the anti-theft code has been entered for the first time, it remains stored in the vehicle (convenience radio coding). If the anti-theft code has to be removed manually, e.g. because the unit has been installed in another vehicle, please contact a SEAT dealership.

If only the vehicle battery has been disconnected, switch the ignition on before switching on the unit again.

Adjusting the base volume

Function	Action
Increase the volume.	Turn the volume control ⇒ Fig. 1 (1) clockwise or press the appropriate button on the multifunction steering wheel ⇒ Booklet Owner's manual, chapter Vehicle interior.
Reduce the volume.	Turn the volume control anticlockwise or press the appropriate button on the multifunction steering wheel.

Changes to the volume are indicated by a bar on the screen. During this time the unit cannot be operated.

It is possible to preset certain volume settings and adjustments ⇒ page 121.

Muting the unit

- Turn the volume control anti-clockwise until is displayed.
- **OR:** If available on the unit, briefly press the MUTE ⇒ Fig. 1 (2) or PHONE[1] unit button to mute the unit or cancel the muting.

The media source currently being played is stopped while the unit is muted.

Note

If the base volume has been considerably increased to play a certain audio source, reduce the volume again before switching to another audio source.

Additional display content and display options (screen off, clock display etc.)

All displays appear only after the radio-navigation system has completed start-up.

If **time display** is activated, in radio or audio mode the time will appear in the status bar within a few seconds. The station or track will then be displayed above or below it. This display feature can be deactivated under **Set-up System** ⇒ page 123.

Depending on the vehicle specification, changes to air conditioning settings or information on factory-fitted driver assistance systems may be displayed temporarily on the screen. These displays disappear automatically when they are no longer required.

Switch off display

The screen can be switched off in some menus.

- Press the Extras function button.
- In the pop-up window, press the Switch off display function button.
- Press the screen briefly to switch it back on.

Rotary/push knobs and unit buttons

Rotary/push knobs

The left-hand rotary/push knob ⇒ Fig. 1 (1) is referred to as the volume control or the on/off switch.

The right-hand rotary/push knob ⇒ Fig. 1 (8) is referred to as the setting knob.

[1] If no mobile telephone provision is installed.

Unit buttons

This manual uses the word “unit button” and a button symbol with blue content to refer to buttons on the unit, e.g. the MEDIA ⇒ page 6 unit button.

Different versions of the unit are supplied. The labelling and functions of the unit buttons may vary between versions, e.g. Fig. 1 (2).

Unit buttons are operated either by *pressing* them or *pressing and holding*.

Unit buttons can be used irrespective of the menu currently displayed. The **arrow buttons**, for instance, always affect the currently active audio source (exception: external audio sources ⇒ page 41).

Function buttons, pop-up windows and checkboxes

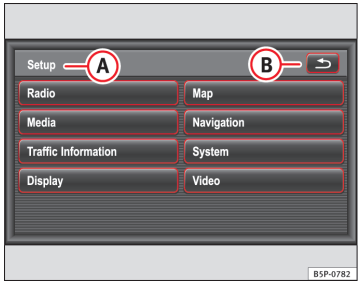

Fig. 2 SETUP unit button: settings main menu.

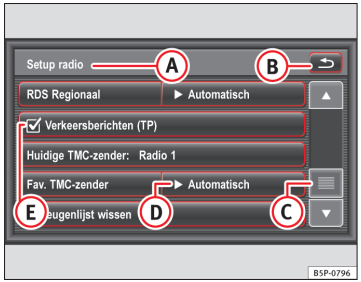

Fig. 3 SETUP unit button: radio settings.

The unit is equipped with a touchscreen.

Active areas of the screen that call up a certain function are called “function buttons”. These buttons are operated by *briefly pressing* them or by *pressing and holding* them. Function buttons are referred to in this manual with the button symbol [...] and the word “function button”.

Function buttons start functions or open submenus. In submenus the name of the currently selected menu is displayed in the title bar ⇒ Fig. 2 (A).

Inactive (grey) function buttons cannot be selected.

Navigating menus

Press the [↩] function button (B) in the title bar to switch back to the main menu from a submenu.

You can go back in stages from a settings menu (SETUP) to the previously active menu by pressing the [↩] function button.

In navigation, you can cancel the address information you have entered in stages by pressing the [↩] function button.

To move up from submenus one level at a time, the additional function button is displayed in some lists, e.g. track lists in audio mode ⇒ Fig. 23.

Pop-up window

A function button with an arrow ▶ in front of it indicates the currently selected setting ⇒ Fig. 2 (D).

If you press the ▶... function button, a pop-up window opens, displaying further setting options. When the desired setting is pressed, the pop-up window closes and the setting is applied.

Pressing the function button closes the pop-up window without making changes.

Starting functions or activating functions with “checkboxes”

Some functions are started and stopped by pressing a button.

Other functions and displays are permanently activated or deactivated and are controlled via checkboxes ⇒ Fig. 3 (E).

A tick in the checkbox ☑ indicates that the function is enabled, and an empty checkbox ☐ means that it is disabled.

Any functions enabled by checkbox can only be disabled by pressing the respective checkbox again. ■

Moving objects, searching lists and changing settings

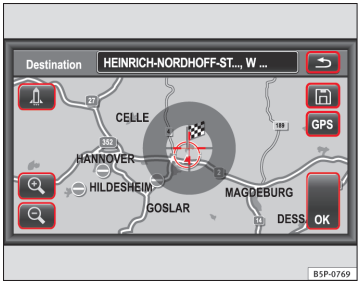

Fig. 4 Destination on map

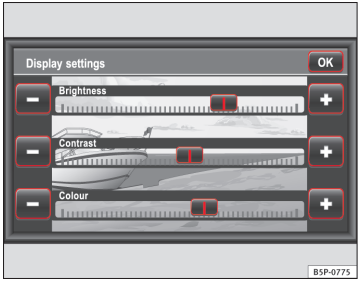

Fig. 5 Video DVD mode: display settings ▶

Moving objects or sliders on the screen

- Touch a movable object on the display, e.g. the crosshair in the map view ⇒ Fig. 4.
- Move your finger across the screen *without losing contact*.
- Take your finger off the screen when the object is in the desired position.

Some objects can only be moved across the screen within a defined range, e.g. sliders ⇒ Fig. 5.

Adjusting settings with sliders

Moving a slider across its scale adjusts a setting.

- Place your finger on the slider and drag it across the screen *without losing contact*.
- **OR:** press the - or + function button to move the slider in steps.
- **OR:** press a point on the scale either side of the slider. The slider will then "jump" straight to the selected point.

Selecting items in lists and searching lists (scrolling)

If there are more items available in a list view than can be displayed on the screen, a scroll bar containing a movable "scroll marker" ⇒ Fig. 3 C is displayed on the right of the screen.

- *Browsing lists line-by-line*: press the ▲ or ▼ function button briefly.
- *Browsing lists page-by-page*: *briefly* press the screen above or below the scroll marker C.
- *Browsing long lists quickly page-by-page*: *press and hold* the screen above or below the scroll marker.
- *To quickly scan through a long list*, place your finger on the scroll marker and move it over the screen *without losing contact*. Lift your finger off the screen when you reach the desired position.

Input windows with on-screen keyboard

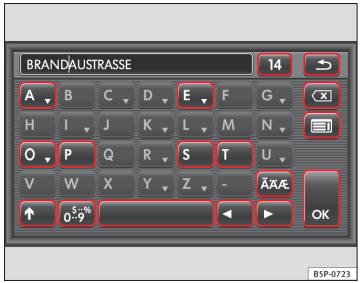

Fig. 6 General view of an input window with on-screen keyboard

Input windows with on-screen keyboard are used for functions such as entering an entry name, selecting a destination address or entering a search term for searching in long lists.

Not all input windows contain all of the function buttons listed here.

Subsequent chapters only explain those functions that differ from the general view described here.

The input line with the cursor is located on the left in the top line of the screen. All inputs are displayed here.

Input windows for "free text input"

Input windows for "free text input" are used for operations such as assigning an entry name. These allow you to enter any combination of letters, numbers and special characters.

Pressing the OK function button applies the sequence of characters currently displayed in the window.

Input windows for selecting a saved entry (e.g. selection of a destination address)

It is only possible to select a sequence of letters, numbers and special characters that matches a stored entry.

Every time a character is entered, a matching destination is suggested in the input line. When terms are made up of more than one word, it is necessary to enter the space as well (e.g. **SANKT AUGUSTIN**).

If fewer than 99 entries are available, the number of remaining entries is displayed after the input line (here: **14**). Pressing this function button displays these remaining entries in a list.

Overview of function buttons

Function button	Action and meaning
Letters and digits	Press to insert the character in the input line.
Letter with ▼	Press and hold to open a pop-up window with special characters based on this letter. Press the desired character to enter it. Some special characters can be written out instead (e.g. “AE” for “Ä”).
ÄÅÆ	Press to briefly highlight **all** function buttons for which special characters are available. Press a function button to open the pop-up window to select the special characters.
↑	Press to switch between upper and lower case.
&%*	Press to open the input window for numbers and special characters.
OR: A-Z	Press to go back to the input window for letters.
▭	Press to enter a space.
◀ and ▶	Press to move the cursor to the left or right in the input line.
OK	Press to accept the suggestion in the input line and close the input window.

Function button	Action and meaning
⌫	Press to delete characters in the input line from right to left.
АБВ	Press to switch to the Cyrillic input window.
☰	Press to open the list of remaining items that match the text you have entered.
* (or here: 14)	Shows the number of selectable entries which correspond to the selection. Press to open the list.
⮌	Press to close the input window.

Voice control

Introduction

Not all units support voice control. Voice control is also not available everywhere, nor is it available for all languages that can be selected on the unit.

On units with the unit button ⇒ Fig. 1 (7), it is possible to call up functions from some menus by saying commands (voice commands).

During voice control, spoken instructions are used to help operate the unit. The spoken instructions can be issued as long or short dialogue ⇒ page 16.

Supported languages

To use voice control, commands must be said in the language set for the navigation system.

- Set the preferred language in the **Setup System** menu ⇒ page 123.

No voice control is available for the settings menus (**SETUP**, **TONE**) and the view of the TMC traffic reports (TRAFFIC ⇒ page 95).

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6

Note

Voice control is not possible during parking manoeuvres.

Use of voice control

- Briefly press the unit button ⇒ Fig. 1 (7) to activate voice control.

Voice control is activated with a rising signal tone, and a help menu with the most important voice commands for the current operating area is displayed (e.g. media mode). Display of the help menus for the individual operating areas can be enabled and disabled ⇒ page 16.

Spoken instructions provide assistance with the subsequent voice dialogue.

- Say the required voice command, for example, “*CD*”, to switch to CD mode.
- Say the “*Play*” voice command to start playback of a CD.
- Once an action has been concluded (in this case: change of media), voice control deactivation is indicated by a falling signal tone.
- To interrupt voice guidance from the radio-navigation system and immediately say the next voice command, briefly press the unit button.
- To exit voice control manually, press and hold the unit button until the falling signal tone sounds.

Voice control can also be ended by touching a function button on the screen or pressing a unit button.

In general, the voice command used is the text that appears in a function button or on a unit button.

List views are numbered during voice control. The numbers are displayed on the left in the function buttons. Speaking a number opens or activates the corresponding entry.

The function button is always activated by the “*Back*” voice command.

The same function can often be called up using different voice commands. For example, the “*Previous station*” voice command is equivalent to the “*Preceding station*” or “*Last station*” voice command. If in doubt, simply try out a voice command.

In some menus, you can record your own voice command (voice entry) ⇒ page 15.

Instructions for voice control

The first time you use voice control, it is advisable to listen to the instructions.

The instructions are divided into 7 sections that you can listen to in succession or select individually.

- Briefly press the button on the navigation system.
- Say the voice command to start the instructions in the language set on the navigation system and follow the guidance dialogue.

Language	Voice command
German	Instructions
English	Instructions
Spanish	Instrucciones
French	Instructions
Portuguese	Instruções
Italian	Istruzioni
Czech	Návod
Dutch	Instructies

Help for voice control function

Context-sensitive help is available for general voice control and for functions that can be operated via voice control.

- Select the operating context and briefly press the unit button on the navigation system.
- If required, select the desired operating context.
- Say one of the following voice commands in the language set on the navigation system.

Language	General help for voice control function	Context-sensitive help
German	Hilfe Sprachbedienung	Hilfe
English	Voice control help	Help
Spanish	Ayuda manejo por voz	Ayuda
French	Aide système de commande vocale	Aide
Portuguese	Ajuda do comando por voz	Ajuda
Italian	Aiuto sistema di comando vocale	Aiuto
Czech	Pomoc hlasový záznam	Pomoc
Dutch	Help spraakbediening	Help

Recording voice tags (voice commands)

When the Voice tag function button is displayed in a menu, you can record your own voice command, for example, in the **Edit/save entry** menu ⇒ page 72.

Recording a voice tag

- Press the Voice tag function button.
- In the pop-up window, press the Record voice tag function button and follow the instructions for recording a voice tag.

Once a voice tag has been recorded, e.g. for a destination or a telephone number, you can start route guidance to the destination or dial the number by saying the voice tag.

- Press the Play voice tag function button to play back a recorded voice tag.
- Press the Delete voice tag function button to delete a recorded voice tag.

Note the instructions for voice control when recording ⇒ page 16.

Note

The Voice tag function button is only displayed if voice control is available for the set language.

Notes on voice control

Please note the following points to ensure that the voice control function works properly:

- If possible, speak slowly and clearly. Unclear words and numbers, or words in which syllables are *mumbled* will not be recognised by the system.
- Speak number sequences like house and phone numbers in individual digits only.
- Speak at a normal volume without exaggeration or long pauses.
- Avoid background noise, such as conversations in the vehicle. Close all windows, doors and the sliding roof.
- Do not point the flow of air from the vents towards the vehicle roof.
- Speak slightly louder at higher speeds.
- If a voice command has been misunderstood once, it may be sensible to terminate voice control manually and start again.
- Avoid loud noises in the background when recording voice inputs.

Voice control settings

- Press the SETUP unit button.
- Press the Voice control function button.

Function button: effect
Dialogue style
Long: voice guidance is provided as additional support during voice control.
Short: some additional voice commands of the long dialogue are not used.
Visual voice command help: select and deselect display of voice command lists.
Delete voice tags: manually delete recorded voice tags after selection.

Audio mode

Radio mode

Introduction

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14

Note

Multi-storey car parks, tunnels, high buildings and mountains can impair radio signals.

Note

Foil or metal-coated stickers attached to the windows may affect reception on vehicles with a window aerial. ■

Opening the RADIO main menu and changing frequency band

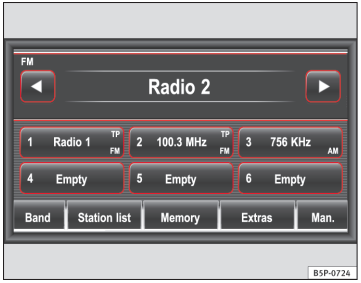

Fig. 7 RADIO main menu in FM mode

Opening the RADIO main menu

- Press the RADIO unit button to open the *RADIO* main menu in the frequency band that was last selected ⇒ Fig. 7.

The set frequency band is displayed in the top-left corner of the screen ⇒ Fig. 7.

The station that you are currently listening to is shown in the middle of the screen.

If RDS is available, the station name can be displayed provided the reception is sufficiently strong. RDS services also include automatic station tracking and traffic news (Traffic Programme) ⇒ page 22. ▶

Changing frequency band

- In the *RADIO* main menu, briefly press the RADIO unit button to change frequency band.
- **OR:** Press the Band function button ⇒ Fig. 7 and press a frequency band in the pop-up window to select it.

Function buttons in the radio main menu

Function button: effect
Band: for selecting the desired frequency band.
Station list: opens the list of currently receivable radio stations ⇒ page 18.
Presets: to select the station buttons displayed in the *RADIO* main menu ⇒ page 20.
Extras: opens a pop-up window.
Scan: starts the scan function ⇒ page 19.
☑ TP: TP function switched on ⇒ page 22.
Switch off display: switch the display off. Press the screen briefly to switch it back on.
Man.: opens the frequency dial for the selected frequency band ⇒ page 19.
1... to 24...: station buttons for storing radio stations ⇒ page 20

Changing station or selecting a station from the FM station list

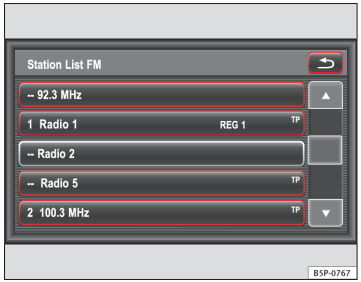

Fig. 8 FM station list: the station currently playing is highlighted

Browsing stations

The arrow buttons on the unit ⇒ Fig. 1 (3) and the arrow buttons in the *RADIO* main menu perform the same functions ⇒ Fig. 7.

- Briefly press an arrow button ◁ or ▷.

Depending on the setting for the arrow buttons selected in the **Setup Radio** menu ⇒ page 123, the arrow buttons may only switch between stored stations (display: **Presets** ⇒ Fig. 11).

Selecting stations from the FM station list

FM radio stations with a strong reception are displayed in the FM station list.

- In FM mode, press the Station list function button ⇒ Fig. 7.

The list view “jumps” straight to the view of the station you are listening to ⇒ Fig. 8.

- Search through the list and press the required station to select it.
- To close the station list, press the ⇆ function button.

The station list closes automatically after a period of inactivity.

No station list is available for the AM frequency band.

Scan function (Scan)

When the scan function is running, all available stations on the current frequency band are played in sequence for approximately 5 seconds each.

- Open the *RADIO* main menu and select a frequency band ⇒ page 17.
- Briefly press the setting knob ⇒ Fig. 1 (8).
- **OR:** In the *RADIO* main menu, press the Extras function button and press the Scan function button in the pop-up window.

The scan function starts and the Extras function button changes to ▶ Scan.

Stopping the scan function

- Briefly press the setting knob or press the ▶ Scan function button to stop the scan function at the station that is currently playing.

Manually selecting a station with the arrow buttons or station buttons also stops the scan function.

The scan function will also stop if interrupted by a traffic announcement ⇒ page 22.

Tuning to a station frequency manually

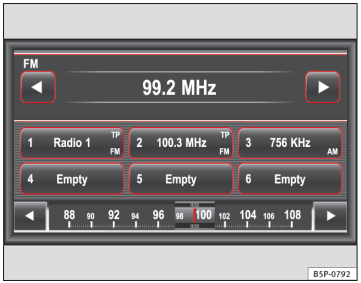

Fig. 9 RADIO main menu with the frequency dial for the selected frequency band

Displaying the frequency dial

- Open the *RADIO* main menu and select the frequency band ⇒ page 17.
- Press the Man. function button to display the frequency dial of the selected frequency band ⇒ Fig. 9.
- **OR:** Turn the setting knob ⇒ Fig. 1 (8) *one stop further*.

Adjusting the frequency in stages

- *Briefly press* one of the arrow buttons to the right and left of the frequency dial.
- **OR:** *Turn* the setting knob.

Quickly browsing the frequency band

- Place your finger on the slider in the frequency band and drag it along the dial.
- **OR:** Briefly press a position on the frequency band. The slider will then jump straight to the selected point.

Hiding the frequency band

- *Briefly press* the setting knob.

Manual frequency selection is also closed if you select a station with a station button.

The frequency dial is hidden automatically after a few seconds of inactivity.

Note

A frequency can also be set directly using voice control ⇒ page 14. ■

Station buttons and station button groups

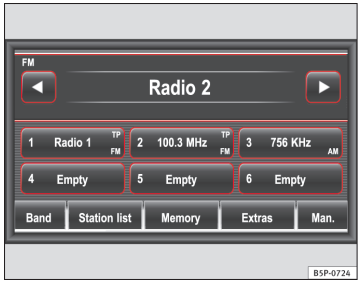

Fig. 10 RADIO main menu

In the *RADIO* main menu, you can store stations from all available frequency bands on 24 numbered function buttons. These function buttons are called “station buttons”.

Station buttons are displayed as station button groups, e.g. 1 ... to 6 ... ⇒ Fig. 10.

Changing the station button group on display

- In the *RADIO* main menu, press the Presets function button.
- Press the desired station button group to select it in the pop-up window. ■

Storing a station to a displayed station button

Storing a station to a station button overwrites any station previously stored to that button.

- Select a frequency band and station.
- Press and hold the desired station button until an acoustic signal sounds.
- The station currently playing is then stored to that station button ⇒ Fig. 11.

Deleting stored stations

In the **Setup Radio** menu, all stored stations can be deleted together ⇒ page 123. ■

Selecting stations stored to station buttons

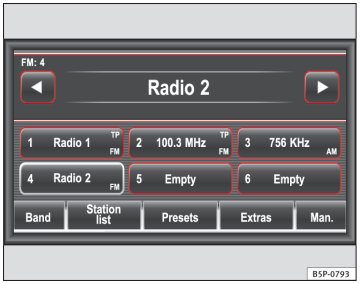

Fig. 11 RADIO main menu: preset 4 selected

If the station you are currently listening to is stored to a station button, its station button number will be displayed in the *RADIO* main menu at the top left next to the frequency band, e.g. **FM 4** ⇒ Fig. 11.

- Selecting station button group to be displayed in the *RADIO* menu.
- In the *RADIO* main menu, press the station button that contains the desired station.
- **OR:** If **Presets** is displayed at the top left ⇒ Fig. 11, you can also browse through the stored stations with the arrow buttons (**Setup Radio** ⇒ page 123).

It is also possible to switch to a stored station on a different frequency band.

A stored station can only be played if it can be received at your current location.

Voice commands

Possible voice commands are the number of a station button (**1** to **24**) or the name of the radio station displayed on the station button ⇒ page 14.

RDS radio data service and TP (Traffic Programme)

Introduction

RDS (Radio Data System) is a radio data service which is used to transmit programme identifiers and additional services, such as the display of station names, automatic station tracking and the TP function (Traffic Programme).

RDS is not supported by all units and is not available everywhere or from every radio station.

Without RDS it is not possible to use **the RDS radio services**.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Radio mode ⇒ page 17

Note

The radio stations are responsible for the content of the information sent. ■

Station name and automatic station tracking

If RDS is available, the station name can be displayed in radio mode provided the reception is sufficiently strong ⇒ Fig. 12.

Changing stored radio station names (RDS)

Sometimes the name of a radio station may not be displayed correctly after it is stored.

- Select the stored station ⇒ page 17.
- Wait until the correct station name is displayed.
- Press and hold the display box showing the name of the station until a message appears.
- The text that is currently displayed will be stored as the station name.

Automatic station tracking

FM radio stations may occasionally or continuously broadcast different content on different regional frequencies under the same station name (e.g. Radio 2).

By default, automatic station tracking always switches to the currently selected station's frequency that offers the best reception, as the vehicle travels from one area to the next. As a result, you may lose the regional programme you are listening to.

It is possible to suppress automatic frequency changing in the **Setup Radio** menu ⇒ page 123. ■

TP traffic news function (Traffic Programme)

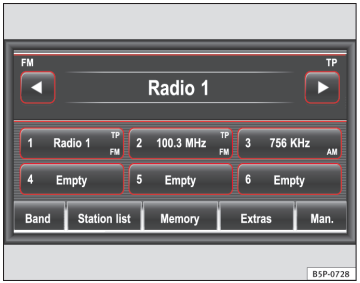

Fig. 12 RADIO main menu with traffic news monitoring active.

Traffic news monitoring with the TP function is only possible if a traffic news station is available. Traffic news stations are indicated by **TP** in the station list.

Some stations that do not broadcast their own traffic news support the TP function through a link to a traffic news station (EON). Traffic announcements broadcast by the linked traffic news station interrupt the current audio mode.

TMC reports on the current traffic situation can also be displayed after the TRAFFIC unit button is pressed ⇒ page 89.

Switching the TP function on and off

- Open the *RADIO* main menu.
- Press the Extras function button.
- Press the TP function button to tick the checkbox ☑.
- Clearing the checkbox switches the TP function off.

Alternatively, the TP function can also be turned on or off under **Setup Radio** ⇒ page 123.

Activated TP function

Whatever menu is currently selected and radio station you happen to be listening to, an additional receiver section in the unit ensures that a TP station can always be received.

TP is displayed at the top right of the screen to indicate that traffic news monitoring is ready to function ⇒ Fig. 12.

No TP is displayed if no traffic news station can be received, for example because there is general interference in the radio reception.

Traffic announcements from a DAB traffic news station can be played back on units with a DAB radio receiver, depending on the settings ⇒ page 123. ■

Incoming traffic announcement

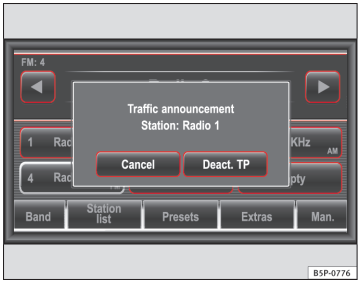

Fig. 13 Incoming traffic announcement

An incoming traffic announcement will interrupt the active unit mode. ▶

During the traffic announcement a pop-up window is displayed and, if required, the radio is switched to the corresponding traffic news station (EON) for the duration of the traffic announcement.

The station broadcasting the traffic announcement is displayed in the **Traffic announcement** pop-up window ⇒ Fig. 13.

The media mode is paused and the volume is adjusted to the preset level ⇒ page 121.

The traffic announcement volume setting can be adjusted with the volume control ⇒ Fig. 1. The adjusted volume setting will be applied to subsequent announcements.

- Press the Cancel function button to end the current traffic announcement. The TP function remains switched on.
- **OR:** Press the Deact. TP function button to end the current traffic announcement and permanently switch off the TP function.

Digital radio mode (DAB, DAB+ and DMB-Audio)

Introduction

Some units are equipped with an additional DAB radio receiver.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Radio mode ⇒ page 17

Note

The radio stations are responsible for the content of the information sent. ■

Function

The DAB radio receiver supports the DAB, DAB+ and DMB-Audio broadcasting standards.

In Europe, digital radio is transmitted via Band III frequencies (174 MHz to 240 MHz) and the L band (1452 MHz to 1492 MHz).

The frequencies of the two bands are referred to as **“channels”** and each has a channel name (e.g. **12 A**).

Several DAB stations on one channel plus available **additional services** together form an **“ensemble”**.

DAB announcements

DAB announcements are additional DAB services that are also broadcast on the radio (e.g. news, sport, weather, warnings etc.).

The playback of DAB announcements depends on the settings ⇒ page 123. ■

Automatic station tracking

DAB programme tracking

Some DAB stations are broadcast in different regional ensembles.

If the current station is no longer available in your location, the unit may also switch to a corresponding partner station.

DAB programme tracking can be switched off in **DAB settings** ⇒ page 123 if you do not want automatic station switching because only brief reception losses are occurring due to the vehicle passing through tunnels, for example. The radio will be muted if reception is too weak.

Change from DAB to FM

DAB is currently **not available in all areas**. In areas without DAB, is displayed in DAB radio mode.

Under **DAB setup**, the unit can be configured to switch to the FM frequency band when required for automatic station tracking ⇒ page 123.

If reception of the currently selected DAB station is lost (e.g. no DAB is available), the unit attempts to find the station on the FM frequency band and tune to it. Automatic station tracking between frequency bands only works if the DAB station and the FM station transmit the same station identifier or the DAB signal indicates a corresponding station on the FM frequency band.

If a corresponding FM station is found, **(FM)** is displayed next to the station name. When reception for the corresponding DAB station returns, the unit will switch back to DAB mode after a short time. The **(FM)** display is hidden. ▶

If the reception of the selected DAB station is lost and the station cannot be found on the FM frequency band, the radio will be muted.

Operation

Fig. 14 DAB radio main menu

Starting DAB radio mode

- Press the RADIO unit button until **DAB** is displayed at the top left ⇒ Fig. 14.

The DAB radio station that was last selected will be played if it can still be received at the current location.

The currently selected ensemble is displayed in the top line of the screen. The selected DAB station appears below it, e.g. **DAB-Radio A-2** ⇒ Fig. 14.

Changing DAB stations

- Touch the Station list function button and select the desired station.
- **OR:** touch one of the arrow buttons on the unit ⇒ Fig. 1 (3) or in the *DAB radio* ⇒ Fig. 14 main menu.

Depending on the setting for the arrow buttons selected in the **Radio setup** menu ⇒ page 123, the arrow buttons may only change between stored stations.

Changing ensemble

- Touch the Station list function button and select the desired ensemble.
- **OR:** *press and hold* one of the arrow buttons on the unit ⇒ Fig. 1 (3) or in the *DAB radio* main menu for approximately 3 seconds ⇒ Fig. 14.

After changing location you should update the station list so that the radio does not look for ensembles available at your previous location on the wrong channel ⇒ page 27.

Scan

The available DAB stations are scanned for approximately 10 seconds each in the sequence described.

Operation is the same as in radio mode ⇒ page 19.

Storing stations to station buttons and selecting them

Storing and selecting the stored stations follows the same procedure as described for FM and AM radio modes ⇒ page 17.

DAB station list

Opening the station list

- In the *DAB radio* main menu ⇒ Fig. 14, touch the Station list function button.

The station list is opened. The station currently playing in the selected ensemble is highlighted.

Displays and function buttons in the DAB station list

Display: meaning
▶ Ensemble: closed ensemble.
▼ Ensemble: open ensemble.
DAB radio A-x: DAB station within an open ensemble.
▶ DAB radio A-x: DAB station offering additional stations ⇒ page 27.
DAB radio A-x: reception of DAB station currently not possible ⇒ page 27.
DAB radio A-x (FM): station is received via FM frequency range. Reception via DAB currently not possible ⇒ page 25.
Update: updating DAB station list ⇒ page 27.

Switching to the next station or ensemble

In the view for the open ensemble, touch one of the displayed stations to switch to it.

Closing the station list

Touch the ⮌ function button.

The station list closes automatically after approximately one minute of inactivity.

Updating the station list

It is advisable to update the DAB station list after a change of location.

During station update the unit searches for ensembles available at your current location and remembers their positions to allow you to switch quickly between the available ensembles.

- Touch the Update function button in the station list view.

A pop-up window is displayed and the radio is muted during station update.

The pop-up window closes once the update is complete.

When the unit is not in DAB mode, the DAB station list is updated automatically. ■

Selecting additional DAB stations

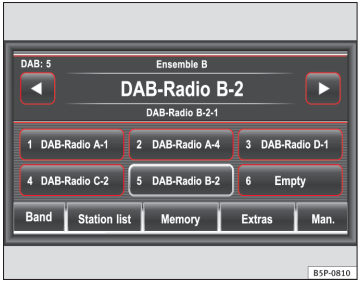

Fig. 15 DAB radio main menu: listening to an additional station

An “additional station” is a subsidiary station of the selected DAB station and is often only temporarily available (for instance, for broadcasting sports events).

Display of an additional DAB station

If you are listening to an additional station, the name of the additional station is displayed below the main station in the *DAB Radio* main menu ⇒ Fig. 15.

Selecting an additional DAB station via the station button

It is **not** possible to store an individual additional station to a station button. It is always the main station that is stored. ▶

Calling up an additional DAB station from the station list

Touch the Station list function button to open the station list.

Display: meaning
▼ Ensemble: open ensemble.
▶ DAB radio A-x: DAB station offering additional stations.
▼ DAB radio A-x: open DAB station.
DAB radio A-x: additional DAB station.
DAB radio A-x: additional DAB station.
DAB radio A-x: additional DAB station.

Showing additional DAB services (radio text and slide show)

Fig. 16 DAB radio main menu with radio text display

Showing or hiding radio text

- In the *DAB radio* main menu, touch the Extras function button.
- In the pop-up window, tick the checkbox in the ☐ Radio text function button by touching it ☑.

Radio text is displayed in place of the station buttons in the lower half of the screen ⇒Fig. 16. Radio text is not supported by all DAB stations. If no radio text is available, **No radio text available** is shown on the screen.

- To briefly hide radio text, touch the window displaying radio text.
- To switch off radio text permanently, clear the check box in the pop-up window in the ☑ Radio text function button by touching it.

Showing and hiding slide show

Some DAB stations also offer a picture-based “slide show”. Radio stations can transmit information to the radio navigation system in the form of digital pictures using the slide show.

- In the *DAB radio* main menu, touch the Extras function button.
- In the pop-up window, tick the checkbox in the ☐ Slide show function button by touching it ☑.
- Briefly touch the screen to temporarily hide the slide show.
- To switch off the slide show permanently, clear the check box in the pop-up window in the ☑ Slide show function button by touching it.

After changing station, it may take a while for the slide show broadcast by the selected DAB station to be loaded in the background. The screen remains blank in the meanwhile. If the screen remains blank for longer, it means that this service is not supported by the current DAB station.

Showing the frequency dial and changing channels manually

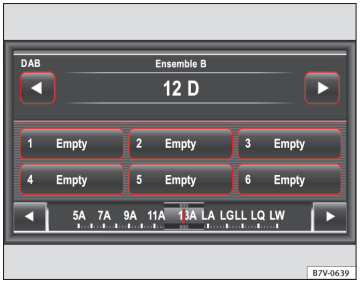

Fig. 17 Manual tuning: ensemble found

Displaying and hiding the frequency dial

- In DAB radio mode, touch the Man. function button.
- **OR:** *turn* the setting knob ⇒ Fig. 1 (8).
- To hide the frequency dial, briefly *press* the setting knob.

The frequency dial is hidden automatically after approximately 10 seconds of inactivity.

Manual frequency selection is also closed if you select a station with a station button.

Searching the frequency dial channel by channel

- Touch one of the arrow buttons to the right and left of the frequency dial or *turn* the setting knob.

The currently selected channel appears in the second line of the screen. If a DAB ensemble is broadcast on the selected channel, its name is displayed in the top line of the screen and the first DAB station of the ensemble will be played ⇒ Fig. 17.

Searching the frequency dial for available ensembles

- When the frequency band is shown, press one of the arrow buttons on the unit ⇒ Fig. 1 (3) or touch *DAB radio* ⇒ Fig. 17 in the main menu.

If you want to use the arrow buttons to browse through the stations within the selected ensemble, hide the frequency dial first. ■

Media mode

Introduction

“Media sources” are audio sources containing audio files on various different data media (e.g. CD, DVD, memory card, external MP3 player). These audio files can be played back using the corresponding drives or audio inputs of the radio-navigation system (internal DVD player, memory card slot, etc.).

Copyright

Music files stored on data media are normally subject to national and international copyright laws. Observe legal requirements!

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Multimedia interface ⇒ page 44
- External audio sources (AUX, MDI) ⇒ page 41

Note

MPEG-4 HE-AAC audio coding technology and patents are licensed from Fraunhofer IIS.

Note

This product is subject to certain intellectual property rights and copyrights owned by the Microsoft Corporation. The use or distribution of this type of technology outside this product requires a licence from Microsoft or an authorised Microsoft company.

Note

The DVD drive in this unit uses a Dolby Digital® audio coding system and MLP Lossless® for optimal playback quality with audio DVDs that conform to this standard. “Dolby®”, “MLP Lossless®” and the double-D symbol are registered trade marks of Dolby Laboratories®.

Note

The surround sound of a DVD in the unit is converted using “DTS®” and “DTS 2.0®” and reproduced in optimal stereo quality. “DTS®” and “DTS 2.0®” are registered trade marks of DTS, Inc.

Note

The unit also supports the “Sound Retrieval System®” (SRS®). “SRS®” is a registered trademark of SRS Labs, Inc. ■

Requirements on media sources and audio files

Factory-fitted CD and DVD drives conform to safety class 1 according to DIN IEC 76 (CO) 6/ VDE 0837.

Only use standard 12 cm CDs or DVDs and memory cards with the dimensions 32 mm x 24 mm x 2.1 mm or 1.4 mm. ▶

Media source	Requirements for playing in the unit
Audio CDs and audio DVDs with Digital Audio logo.	– Digital audio specification .
CD-ROM, CD-R, CD-RW audio data CD up to max. 700 MB (megabyte) acc. to ISO 9660 or in Joliet file system. DVDs up to max. 4.7 GB and Dual Layer DVDs up to max. 8.5 GB. SD and MMC memory cards up to max. 2 GB (gigabyte). SDHC memory cards up to max. 32 GB.	– MP3 files (.mp3) with bit rates from 48 to 320 kbit/s or variable bit rate. – WMA files (.wma) up to 10.0 without copy protection. – Playlists in formats PLS, M3U and WPL. – Playlists no larger than 20 kB and with no more than 250 links. – File name and address no longer than 256 characters. – Folder structures with a maximum of 8 levels.
Audio file playback via Bluetooth®[a].	– The external audio source must support the A2DP or AVRCP Bluetooth profile and be connected with a factory-fitted mobile telephone provision which supports this function ⇒ page 41.
AUX. External audio source.	– Audio output is possible via the 3.5 mm jack plug ⇒ page 41.
MEDIA-IN or **MDI**. External data medium.	– Compatible with MEDIA-IN multimedia interface ⇒ page 44.

a) Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Restrictions and notes

Contamination, exposure to high temperatures and mechanical damage may render a data medium unusable. Please observe the manufacturer's instructions.

Variations in the quality of data media produced by different manufacturers may lead to problems during playback.

The unit may be unable to read individual tracks or the entire data medium due to the data medium configuration or the devices and programs used for recording. Information about the best ways to create audio files and data media (compression rate, ID3 tag etc.) can be found on the Internet.

The reading time may vary considerably depending on the data medium's condition (copying and deleting actions), folder structure and file type.

Playlists only determine a certain playing order. There are **no** files stored in a playlist. The unit will **not** play a playlist if the files are **not** stored on the data medium at the locations referred to by the playlist (relative file paths). ■

Playing order of audio files and folders

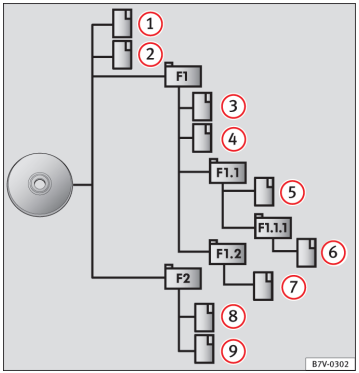

Fig. 18 Possible structure on an audio data CD

Audio files on data media are often sorted by folders and playlists to determine a certain playing order. ▶

Tracks, folders and playlists on a data medium are each sorted by name in alphanumeric order.

The illustration shows a typical audio data CD that contains tracks, folders and subfolders ⇒ Fig. 18.

If the Scan/mix/repeat including subfolders function is activated in the **Setup Media** menu ⇒ page 123, the tracks will be played as follows:

1. Tracks (1) and (2) in the CD's root directory
2. Tracks (3) and (4) in the **first** folder **F1** in the CD's root directory
3. Track (5) in the **first** subfolder **F1.1** of the folder **F1**
4. Track (6) in the **first** subfolder **F1.1.1** of the subfolder **F1.1**
5. Track (7) in the **second** subfolder **F1.2** of the folder **F1**
6. Tracks (8) and (9) in the **second** folder **F2**

Note

The playing order can be altered by selecting different playback modes (**Repeat**, **Mix**) ⇒ page 38.

Note

Playlists are **not** played automatically, instead they have to be specifically selected via the track selection menu ⇒ page 36.

MEDIA main menu: the Audio and Video menu

Fig. 19 MEDIA main menu: audio menu

Fig. 20 MEDIA main menu: video menu

In the *MEDIA* main menu, various media sources can be selected and played.

“Audio sources” are sources which only transmit audio signals; **“video sources”** transmit both audio and video signals. **“Media sources”** are all audio and video sources which can be selected.

Depending on the type of media source selected, the *MEDIA* main menu is opened as an *audio menu* ⇒ Fig. 19 or as a *video menu* ⇒ Fig. 20.

- Press the MEDIA unit button.

Playback of the media source last played is resumed.

If no media source is available, the *MEDIA* main menu cannot be opened.

Audio and video sources available on the unit

- Press the MEDIA unit button to switch back and forth between the *audio menu* and the *video menu*.
- **OR:** in the *Audio menu*, press the Video function button or, in the *Video menu*, press the Audio function button.

Changing media source

Available media sources are displayed as active function buttons in both menus in the top line of the screen. The media source currently being played is highlighted.

- Press one of the enabled function buttons at the top of the screen to select a media source.

If a media source is currently not available, it is shown as disabled, e.g. the SD function button ⇒ Fig. 19.

If a media source that has already been played is selected again, playback is resumed from the point that was last played. *Exception:* external audio sources ⇒ page 41.

Optionally available audio sources in the Audio menu

CD: audio CD or DVD in the internal DVD drive ⇒ page 34.

SD: Memory card ⇒ page 35.

HDD: internal hard drive ⇒ page 39.

AUX: external audio source connected to AUX-IN multimedia socket ⇒ page 41.

MDI: External data medium connected to the MEDIA-IN multimedia interface ⇒ page 44.

: external audio source (e.g. media player) via Bluetooth® ⇒ page 41.

Optionally available video sources in the Video menu

If the unit is in full-screen mode, briefly press the screen in order to display the *Video menu* ⇒ Fig. 20.

DVD: Video DVD in the internal DVD drive ⇒ page 47.

TV[1]: TV mode ⇒ page 50.

AV[1]: Optional external video source ⇒ page 56. ■

MEDIA main menu: track or chapter change

The arrow buttons on the unit ⇒ Fig. 1 (3) and the arrow buttons in the *MEDIA* main menu ⇒ page 32 perform the same functions.

In **every** menu, the arrow buttons on the unit always apply to the current media source.

The tracks or chapters of the media source being played can be browsed through one after other using the arrow buttons. ▶

[1] Can only be displayed or is only enabled in units with a TV receiver.

You can **not** switch to playback from a playlist via the arrow buttons. Playback from a playlist must be started manually via the track selection menu ⇒ page 36.

Controlling playback via the MEDIA main menu

Action	Effect
Briefly press the button ⏮ once.	Go to the start of the current track or chapter.
Briefly press the button ⏮ twice.	Switch tracks or chapters at the start of the previous track or chapter.
Briefly press the button ⏭ once.	Switch to next track or chapter.
Press ⏮ and *hold*.	Fast reverse.
Press ⏭ and *hold*.	Fast forward.
Briefly press the button ⏸ once.	Playback stops. The button ⏸ changes to ▶.
Briefly press the button ▶ once.	Playback is resumed. The button ▶ changes to ⏸.
In the *MEDIA* main menu you can also browse through tracks or chapters by turning the setting knob ⇒ Fig. 1 (8).	

Inserting or ejecting a CD or DVD

Audio CDs or DVDs, audio data CDs or DVDs and video DVDs can be played in the internal DVD drive.

Playable audio files (MP3, WMA) can also be stored on the unit's hard drive ⇒ page 39.

Inserting a CD or DVD

- Hold the CD or DVD with the printed side facing up.
- Push the CD or DVD into the DVD slot ⇒ Fig. 1 (4) to the point where it is drawn in automatically. Do not push it in any further.
- When the CD is inserted, playback will start automatically.

Ejecting a CD or DVD

In some countries, the vehicle key must be in the ignition lock of a cabriolet vehicle in order to eject a CD (anti-theft protection).

- Press the ⏏ unit button to move the CD or DVD into the eject position.

Once in the eject position, the CD or DVD must be removed within about 10 seconds otherwise it will be drawn back in.

CD or DVD cannot be read

If an inserted CD or DVD cannot be read, a message to this effect appears within a few seconds, and the disc is automatically ejected to be removed.

- Press the OK function button and remove the CD or DVD.

The data medium will be retracted into the player if it is not removed within approximately 10 seconds, but the unit will not switch to CD or DVD mode. The DVD drive can only be selected again after the non-readable data medium has been manually removed.

Note

Uneven road surfaces and strong vibrations may cause the playback to jump.

Note

When the temperature inside the unit is too high, loading and playback of CDs and DVDs is disabled.

Note

If you insert a number of different CDs and DVDs and receive the message **Drive error** every time, contact a qualified workshop.

Inserting and removing memory cards

Only supported audio files are displayed and played. Other files are ignored.

Navigation data stored on a memory card can only be read using the corresponding navigation menu ⇒page 62.

Inserting a memory card

If a memory card cannot be inserted, make sure it is positioned correctly and is compatible with the unit.

- Insert a compatible memory card with the cut-off corner first and facing right (horizontal memory card slot) or upwards (vertical memory card slot) until the card clicks into place in the unit.
- Playback starts automatically if supported audio files are stored on the memory card.

Removing a memory card

- Press the inserted memory card. The memory card jumps to the eject position.
- Remove the memory card.

Memory card cannot be read

If you insert a memory card containing data that cannot be read, the unit will **not** change to memory card mode after loading. In the *MEDIA* main menu, the SD function button in the top line of the screen remains disabled and the function cannot be selected ⇒Fig. 19.

If the unit cannot read from the memory card at all, you are informed by a pop-up window.

- Press the OK function button and remove the memory card manually.

Note

No audio files can be copied onto the memory card in the unit.

Audio menu

Fig. 21 MEDIA main menu: audio menu

If an audio CD is inserted, **Track** and the track number corresponding to the track order on the CD are displayed in the centre of the screen.

If the audio files contain additional track information (CD text, ID3 tag), the **track name** can be displayed in the centre with the **artist name** above and the **album name** below it ⇒Fig. 21.

This displaying of track information can be deactivated in **Setup Media** ⇒page 123.

The elapsed playing time and the remaining playing time are displayed in minutes and seconds to the left and right of a progress bar. The remaining playing time cannot be displayed for files with variable bit rate (**VBR**).

Browsing audio sources (track list)

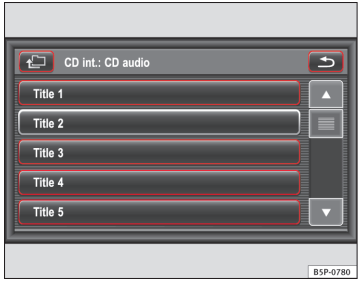

Fig. 22 Track list of a playing audio CD

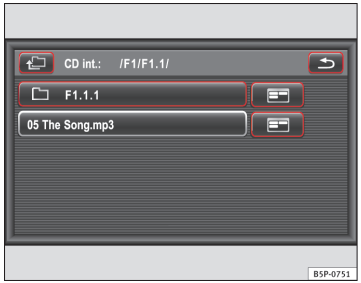

Fig. 23 Track list of a playing audio data CD

Selecting tracks from the track list

- Start playback of an audio source.
- In the *audio menu*, press the Selection function button ⇒ Fig. 21 to open the track list. The track that is currently playing is highlighted ⇒ Fig. 22.
- Search through the track list and press the desired track.

If track information is available, the track name is displayed instead of **Track + number** ⇒ Fig. 23.

The audio source and, if applicable, the folder currently opened are displayed in the header bar, e.g. **CD int.** and folder **F1.1** ⇒ Fig. 23.

Searching the folder structure (MP3 and WMA files)

You can browse manually through the folder structure of data media.

- Press a playlist or folder in the track list (e.g. F1.1.1 ⇒ Fig. 23) on the screen to open it.
- Press the function button to open the parent folder of the current folder, e.g. **F1**.

Pressing the function button repeatedly switches from one folder to another until you reach the selection menu of available audio sources ⇒ Fig. 24.

Starting playback from folders or playlists (MP3 and WMA files)

Depending on the file and data media, the Play or function button is shown after the display of a track, folder, playlist or a data medium.

- Press the Play function button.
- **OR:** Press the function button and press the Play function button in the pop-up button.

Playback from the selected folder or playlist is started.

Folders, playlists and audio sources that are displayed with the function button can be stored on the unit's hard drive (HDD). Stored audio files can be further processed via the function button ⇒ page 39.

Selection menu of available audio sources

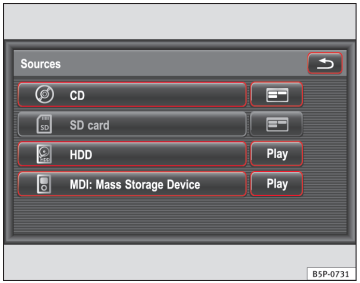

Fig. 24 Selection menu of available audio sources

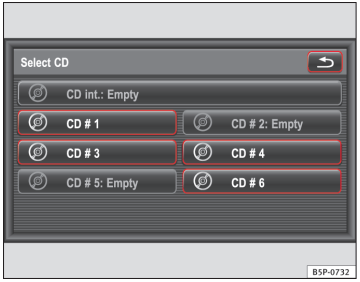

Fig. 25 CD selection menu with CD changer connected.

- In the *Audio menu*, press the Selection function button to open the track list.
- Press the function button until the selection menu for the available audio sources is displayed ⇒ Fig. 24.
- Press an audio source on the screen to browse through it ⇒ page 36.

Available audio sources

Function button: audio source
Internal: ...: internal DVD drive.
CD[a]: CD selection menu ⇒ Fig. 25
Internal: ...: internal DVD drive.
CD 1-6:[a]: CD slots of an external CD changer.
SD card: inserted memory card.
HDD: internal hard drive.
MDI: Data medium connected to the MEDIA-IN multimedia interface ⇒ page 44.

[a] Only displayed if an external CD changer is connected.

Opening the CD selection menu (external CD changer)

If playable CDs are inserted into a connected CD changer, the CD list function button appears in the *audio menu* ⇒ Fig. 21 during CD mode instead of the CD function button.

- Press the CD list function button to open the CD selection menu ⇒ Fig. 25.
- **OR:** press the CD function button in the audio selection menu ⇒ Fig. 24 to open a list view of the available CDs.
- Press to select the desired CD.

If a CD on the external CD changer is selected, playback starts with the first track.

A CD slot with no CD inserted or containing a CD that cannot be read is labelled with **Empty** or **No audio**.

Audio menu: Changing playback mode

Fig. 26 MEDIA main menu: audio menu

Refer to the information on the playing order of files and folders ⇒ page 31.

Depending on the setting, **subfolders** may be included in the selected playback mode. This setting must be defined in **Setup Media before** a playback mode is started ⇒ page 123.

Only one playback mode can be active at any one time.

Starting random play or (Mix) scan (Scan)

- During playback, press the Extras function button in the *MEDIA* main menu.
- Press Mix or Scan in the pop-up window to start the mix or scan function and close the pop-up window.

The scan function can also be started and stopped by briefly pressing the setting knob ⇒ Fig. 1 ⑧.

Starting the repeat function (Repeat)

- During playback, press the Repeat function button in the *MEDIA* main menu and select what to repeat.

The available selection depends on the selected audio source and the type of audio files played.

Repeat track repeats the current track.

Repeat CD[1] repeats all tracks on the audio CD currently being played.

Repeat folder repeats all tracks of the current folder.

Stopping playback mode

The random play and repeat functions remain active for the corresponding audio source until they are closed for that source or the data medium is removed.

- Press the function button with the display of the current playback mode (e.g. ▶Mix) to resume normal playback at the current track.

The scan function and mix are also stopped if a track is selected manually.

Note

To include audio files from all folders on a data medium in the mix, you must start random play for a track in the root directory of the data medium ⇒ page 31.

Note

The mix might take a few seconds to start if a large number music files have been selected for the mix. During this period, the unit is blocked from further operation and the screen appears to “freeze”.

[1] Only available if an audio CD is being played from an external CD changer.

Copying audio files onto the internal hard drive (HDD)

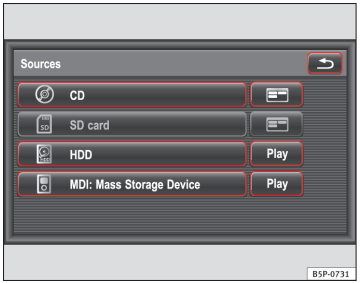

Fig. 27 Selection menu of available audio sources

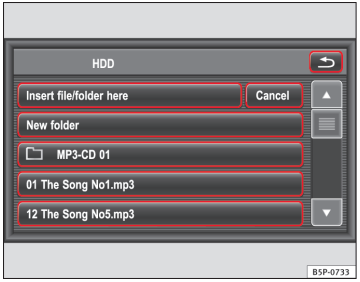

Fig. 28 Storing audio files

Compressed audio files (MP3, WMA) can be copied from a CD, DVD or memory card onto the unit's hard drive.

The function button appears next to storable tracks, folders or audio sources in the track list and in the selection menu of available audio sources ⇒ Fig. 27.

Selecting a memory location and copying tracks

- Browse the available data media for audio files that you want to copy onto the hard drive (HDD) ⇒ page 36.
- Press the function button.
- In the pop-up window, press the Copy function button.
- The **HDD** menu opens ⇒ Fig. 28.
- Pressing the Insert file/folder here button copies the selected audio files to the storage location displayed in the title bar.

It is possible to select an existing folder as the storage location and open it ⇒ page 36.

Alternatively, it is possible to create a new folder.

- Press the New folder function button.
- Specify a folder via the input window.

The folder you have just created is opened. In the new folder, you can create more subfolders or insert the selected audio files.

Functions and progress display during the copying operation

During the copying process, the audio source from which files are being copied can still be played, as can another audio source.

- In the *Audio menu*, select an audio source using the function buttons at the top ⇒ Fig. 26.
- Change tracks on the current audio source using the arrow buttons ⇒ page 33.

Functions, such as fast forward and reverse, have only limited availability while storing is in progress. The track list for the audio source being played **cannot** be opened. ▶

- Press the Selection function button to show a progress display for the copying process.
- Press the Cancel function button in the pop-up window to cancel the copying process.
- Press the MEDIA unit button ⇒ Fig. 1 to close the pop-up window. The copying process is continued.

If the copying process is cancelled, e.g. if the unit is switched off, the storing process is stopped at the last completely stored track.

It takes around 40 minutes to store 100 music tracks of average length.

Note

If the unit cancels a copying operation, check the capacity of the internal hard drive and check the source data medium.

Displaying hard drive capacity and editing stored audio files

Fig. 29 Stored audio files (tracks) and folders on the hard drive

Checking hard drive capacity

- In the *Audio menu*, press the Extras function button.
- In the pop-up window, press the HDD capacity function button.

The **HDD capacity** menu shows how much hard drive memory space is already occupied by audio files and how much is still available for storage.

- Press the ⇦ function button to close the menu.

Editing stored audio files (tracks) and folders

- Open the track list for the hard drive ⇒ page 36.
- Press the ☰ function button next to a stored track or folder ⇒ Fig. 29.
- Press one of the following function buttons in the pop-up window.

Play: starts playback.

Copy: saves a copy.

Rename: lets you change track or folder names via input windows.

Delete: deletes the corresponding track or folder when you confirm a prompt.

When deleting the last track from the hard drive, please note that you cannot delete a track while it is being played. If necessary, switch to playback of a different media source. Then open the hard drive view via the selection menu of available audio sources ⇒ Fig. 24 and select the track to be deleted.

External audio sources (AUX, Bluetooth audio)

Introduction

The **output volume** of external audio sources should be adjusted in the **Set-up Media** menu to the volume of the other audio sources ⇒ page 123.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Media mode ⇒ page 30

Note

Please read and observe the manufacturer's manual for the external audio source. ■

External audio source on AUX-IN multimedia socket

Fig. 30 External audio source connected to the AUX-IN socket.

Depending on the level of vehicle equipment, there is an AUX-IN multimedia socket in the stowage compartment on the front passenger side, in the centre console, or in the armrest between the two front seats.

The AUX-IN multimedia socket can only be used with a 3.5 mm jack plug.

Audio sources connected via AUX **cannot** be controlled via the radio-navigation system. Playback is started, controlled and stopped via the external audio source.

Connecting an external audio source to the AUX-IN multimedia socket

- Lower the base volume on the radio-navigation system.
- Connect the external audio source to the AUX-IN multimedia socket.
- Start playback on the external audio source.
- If required, activate the AUX-IN multimedia socket in the **Setup Media** menu ⇒ page 123.
- In the *Audio menu*, press the AUX function button ⇒ Fig. 30. ▶

Vehicles with AUX-IN multimedia socket and MEDIA-IN multimedia interface (MDI)

In vehicles with MEDIA-IN multimedia interface, the MDI function button is displayed instead of the AUX function button ⇒ page 44.

An external audio source connected to the AUX-IN multimedia socket can only be played when **no** external data medium is connected to the MEDIA-IN multimedia interface.

Note

When playback on the external audio source is stopped or the plug is disconnected from the AUX-IN multimedia socket, the radio-navigation system remains in the **AUX** menu.

Note

Interference may be heard if the external audio source is powered from the vehicle's 12-volt socket. ■

External media player paired via Bluetooth®

Fig. 31 Bluetooth audio mode.

In Bluetooth audio mode, audio files from an external media player (e.g. mobile telephone) that is connected via Bluetooth® can be played over the vehicle loudspeakers (Bluetooth audio playback).

The Bluetooth audio source must support the A2DP Bluetooth profile.

Bluetooth audio mode is available if the vehicle is equipped with a factory-fitted mobile telephone provision that supports this function. Please refer to the relevant owner's manual for information on operating the external mobile telephone provision ⇒ Booklet Mobile telephone provision.

Starting Bluetooth audio transmission

- Lower the base volume on the radio-navigation system.
- Pair and connect the external audio source with the Bluetooth interface of the mobile telephone provision as described in the owner's manual.
- Start playback on the Bluetooth audio source. ▶

Starting playback over the vehicle loudspeakers

The steps to follow after starting Bluetooth audio transmission depend on whether automatic playback is activated in **Setup Media** ⇒ page 123.

If the ☐ Bluetooth audio autoplay function button is deactivated, you need to switch to Bluetooth audio mode manually.

- Press the MEDIA unit button ⇒ Fig. 1 (2). If required, press the MEDIA unit button again until the *audio menu* is displayed ⇒ Fig. 31.
- After the Bluetooth audio transmission has started, the function button is displayed in the top screen line of the *Audio menu* with a coloured frame.
- Press the function button to start playback via the vehicle loudspeakers.

The unit switches to Bluetooth audio mode and playback over the vehicle speakers starts.

If the ☑ Bluetooth audio autoplay function button is active, the unit always switches to Bluetooth audio mode automatically when playback is started on the media player that is connected via Bluetooth.

When playback on the connected media player is stopped, the unit remains in Bluetooth audio mode.

Controlling playback

The extent to which the Bluetooth audio source can be controlled via the radio-navigation system depends on the connected Bluetooth audio source.

With media players that support the AVRCP Bluetooth profile, playback on the Bluetooth audio source can be automatically started or stopped when the unit is switched to Bluetooth audio mode or to a different audio source. It may also be possible to display tracks or change tracks via the arrow buttons on the radio-navigation system ⇒ Fig. 1 (3).

Note

Due to the large number of possible Bluetooth audio sources, it is not possible to guarantee fault-free operation of all described functions.

Note

Always switch off the warning and service tones on a connected Bluetooth audio source, e.g. key tones on a mobile telephone, to prevent interference noise and malfunctions.

Note

Do not connect an external media player to the radio-navigation system for playing back music **simultaneously** via Bluetooth and via the MEDIA-IN multimedia interface ⇒ page 44 as this could lead to limitations in playback.

Note

There may be restrictions on the use of Bluetooth devices in some countries. Information is available from the local authorities.

MEDIA-IN multimedia interface (MDI)

Introduction

Depending on the vehicle, the MEDIA-IN multimedia interface is located in the stowage compartment on the front passenger side or in the armrest between the two front seats ⇒ Booklet Owner's manual, chapter Practical equipment.

The supported file formats listed below are collectively referred to as “audio files”.

Audio files on an external data medium connected to the MEDIA-IN multimedia interface can be played and controlled via the radio-navigation system. It is **not** possible to store the audio files on the unit.

Where this manual refers to external data media, this means USB mass storage devices containing supported audio files, such as MP3 players, iPods™ and USB sticks. The external data media are displayed as **MEDIA-IN** or **MDI** (media device interface) on the screen.

The MEDIA-IN multimedia interface supplies the usual USB voltage of approximately 5 volts.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Media mode ⇒ page 30

Note

The rubber lining in the stowage compartment next to the MEDIA-IN multimedia interface can be removed. ■

Notes on connecting a data medium

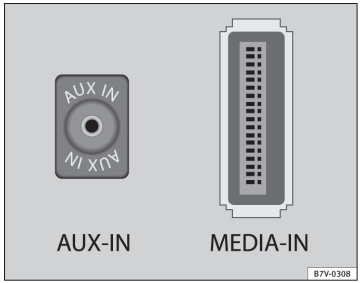

Fig. 32 AUX-IN multimedia socket and MEDIA-IN multimedia interface

Adapter for connecting a data medium

An external data medium is connected to the MEDIA-IN multimedia interface via an adapter.

An adapter is supplied with the interface. Other adapters are available from a SEAT dealership.

Do no use any memory card adapters, USB extension cables or USB hubs. ▶

Data medium requirements

Compatible data media	Readable files and formats
Data media compliant with the USB 2.0 specification. Data media in the FAT file system FAT16 (‹ 2 GB) or FAT32 (› 2 GB). iPods™[a] and iPhones™[a] of various generations. MTP players with the “PlaysForSure” or “ReadyForVista” logo.	– Audio files in the MP3, WMA, OGG-Vorbis and AAC formats. – Playlists in the PLS, B4S, ASX and WPL formats.
Please read and observe the operating manual for the external data medium.	

[a] iPod™ and iPhone™ are registered trademarks of Apple Inc.

MEDIA-IN multimedia interface and AUX-IN multimedia socket

The MEDIA-IN multimedia interface is often installed in combination with an AUX-IN multimedia socket ⇒ page 41.

Notes and restrictions

Only audio files that can be read via the MEDIA-IN multimedia interface can be displayed, played and controlled on the radio-navigation system.

In the case of MTP players, it may take a few minutes before the device is ready for playback – depending on the battery status and the quantity of data.

External hard disks with a capacity greater than 32 GB sometimes need to be reformatted for the FAT32 file system. You will find the necessary software and information on the Internet, for example.

If a data medium is divided into several partitions, only the **first** partition is recognised.

Please refer to further limitations and notes on the requirements placed on media sources ⇒ page 30.

CAUTION

Make sure that the adapter lead is not pinched or severely bent. This could damage the adapter lead and result in malfunction.

Note

Do not connect an external media player to the radio-navigation system via Bluetooth and via the MEDIA-IN multimedia interface **at the same time**, as this could lead to limitations in playback.

Connecting and operating

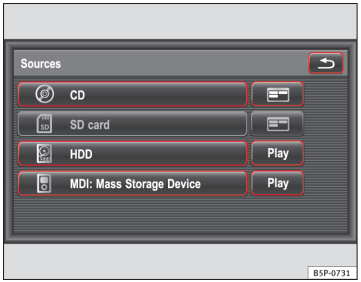

Fig. 33 Selection menu for available audio sources including external data medium (MDI).

Before connecting or playing an external data medium, turn down the base volume on the radio-navigation system.

Connecting and disconnecting an external data medium

- Connect the appropriate adapter to the MEDIA-IN multimedia interface.
- Connect the external data medium to the MEDIA-IN multimedia interface via the adapter.
- If necessary, switch on the external data medium and select the appropriate data mode.

Even though the display may indicate otherwise, the external data medium may be disconnected from the MEDIA-IN multimedia interface at any time without data loss.

When you are disconnecting an iPod™ or iPhone™ from the adapter cable, make sure that you press the two catches on the narrow side of the iPod™ connector at the same time.

Operation via the radio-navigation system

An external data medium that is correctly connected to the MEDIA-IN multimedia interface can be operated from the radio-navigation system.

The radio-navigation system does **not** automatically switch to playback from an external data medium when a data medium is connected to the MEDIA-IN multimedia interface or when a connected data medium is switched on.

- Open the *audio menu* ⇒ page 30.
- Press the MDI function button in the top line of the screen to start or continue playback from the external data medium.

Further operation of the external data medium (changing track, selecting tracks and playback modes) is described in the appropriate chapters of this manual ⇒ page 30.

If the selected media source is disconnected from the MEDIA-IN multimedia interface while being played, the radio-navigation system will remain in MDI mode. Another audio source must be selected manually.

The connected external data medium appears as an additional drive **MDI** in the selection menu of available media sources ⇒ Fig. 33. You can also select it or search it from this menu ⇒ page 30.

iPod™ and iPhone™

When an iPod™ or iPhone™ is connected, the special iPod list views are displayed at the top selection level (🗀 **Playlists**, 🗀 **Artists**, 🗀 **Albums**, 🗀 **Tracks**, 🗀 **Podcasts** etc.).

The iPod selection menu is used as normal.

The music controls on the connected iPod™ or iPhone™ are disabled.

The **output volume** of some iPods™ or iPhones™ can be adjusted to the volume of the other audio sources under **Setup Media** ⇒ page 123.

Possible error messages after connecting an external data medium

Error message	Cause	Procedure
Device not supported	The external data carrier cannot be played or communication is not possible with the adapter cable being used.	– Check adapter cable. – Update the software of the MEDIA-IN multimedia interface at your SEAT dealership. – If possible, update the software of the external data medium.
Device without function	Communication is faulty.	– Check the connection and ensure that the external data medium is working correctly.
Due to the large number of different data media and various iPod™ and iPhone™ generations available, it is not possible to guarantee fault-free operation of all functions described here.		

Video DVD mode

Introduction

Regional code of video DVDs

The compatibility of video DVDs is often restricted to certain regions (e.g. USA and Canada) by “regional codes”. These video DVDs can only be played in units that are coded for the same region.

The unit's DVD drive is configured to read the regional code for the region in which the vehicle was originally sold.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Media mode ⇒ page 30

Note

Video CDs cannot be played.

Note

You may not be able to play video DVDs which you have burned yourself.

Note

The video image on the screen of the radio navigation system is only displayed when the vehicle is stationary. The screen is switched off while the vehicle is in motion, but the sound can still be heard. ■

Starting video DVD mode

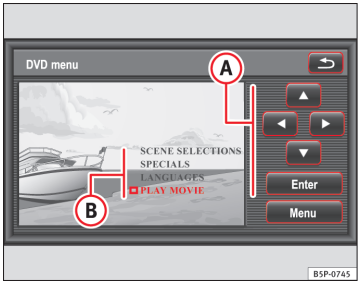

Fig. 34 DVD menu options of the inserted film

- Insert a video DVD compatible with the unit ⇒ page 30. The DVD will start automatically (exception: DVD does not start ⇒ page 48).

It can take a few seconds to read the data from a video DVD, during which time the screen remains dark.

If the video DVD has an “intro” sequence, this will be played first. Following this, the film's menu selection ⇒ Fig. 34 (B) and the unit's own menu control (A) are opened.

Operating the DVD film menu with the unit's own menu control

The DVD film menu cannot be controlled directly by pressing the screen, instead it is operated using the function buttons of the unit's own menu control on the right (A).

- Press the arrow buttons to select the menu options of the DVD film menu (B) one after another.
- Press the Enter function button to call up the selected menu option.

When the film starts, the unit switches to full-screen view. ▶

The DVD film menu then has to be opened manually ⇒ page 48.

Aspect ratio (4:3 or 16:9)

A film always starts to play in the default aspect ratio (4:3 or 16:9). The aspect ratio can be changed in **Setup Video** ⇒ page 123.

DVD does not start!

An inserted DVD cannot start automatically if the volume is set to “0” (display: 🔇). Any media source being played will stop (Pause ⏸).

Note

The visual appearance of the DVD film menus and the menu options which it offers are the responsibility of the DVD manufacturer.

Note

The DVD manufacturer is responsible for the different ways in which individual films respond to identical commands.

Note

The playback language of a video DVD can be changed under **Setup Video** ⇒ page 123.

Opening and operating the video DVD menu

Fig. 35 Menu: playing a video DVD

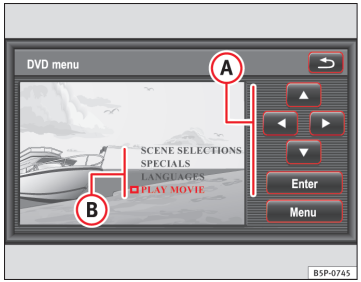

Fig. 36 DVD menu options of the inserted film

Full-screen view: showing the video DVD menu

No function buttons are displayed if the unit is in full-screen view.

- Briefly press the screen to show the *video DVD menu* ⇒ Fig. 35.

The *video DVD menu* is hidden automatically after roughly 15 seconds of inactivity.

Opening the DVD film menu manually

The DVD film menu must be opened manually if the DVD film menu does not open automatically with the unit's own menu control ⇒ Fig. 36, or if the video DVD is already being played.

- In the *video DVD menu* ⇒ Fig. 35, press the Menu function button to open the unit's own menu control ⇒ Fig. 36 Ⓐ.

You can skip the video DVD's “intro” sequence by pressing the Menu function button Ⓐ.

The DVD film menu Ⓑ is displayed next.

Video DVD menu: controlling playback and changing display settings

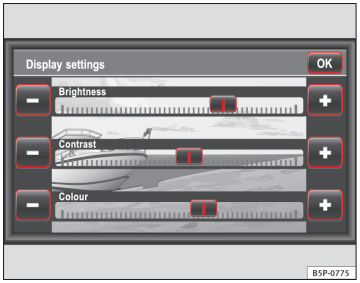

Fig. 37 Display settings

- During film playback, briefly press the screen to show the *video DVD menu* ⇒ Fig. 35.

You control film playback and switch to the *audio menu* as described for the *MEDIA* main menu ⇒ page 30.

Chapter selection

- In the *Video DVD menu*, press the Chapter function button ⇒ Fig. 35.
- Press the desired chapter to select it from the list.

Film playback continues from the beginning of the selected chapter.

Changing display settings

- Press the Display function button to open the display settings ⇒ Fig. 37.
- Move the slider along the setting bar to change the brightness, contrast or colour settings for the displayed film.

The screen brightness for all operating areas can be changed in the **Setup System** menu ⇒ page 123.

TV mode

Introduction

Depending on the vehicle, some radio-navigation systems are equipped with an additional “hybrid receiver” which is capable of receiving both analogue and digital TV stations via the vehicle aerial.

In a DVB-T television channel, several programmes are bundled together for transfer in one dataflow (so-called “Multiplex”). Additional services can also be transmitted, e.g. the electronic programme guide EPG and radio.

In areas without DVB-T, it is only possible to receive analogue TV stations with the corresponding restrictions. In some areas, both analogue and digital TV are available.

Station selection in border areas

In border areas, it is also possible to receive TV stations from another country which are broadcast using a different TV standard (TV type).

If you are travelling abroad for longer periods, it is advisable to set the TV standard to the country in which you are travelling ⇒ page 56.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Media mode ⇒ page 30

WARNING

The volume level may suddenly change when you switch audio source or connect a new audio source.

- **Reduce the base volume before switching audio source or connecting a new audio source.**

Note

The TV image is only displayed when the vehicle is stationary. The television screen is switched off while the vehicle is in motion, but the sound can still be heard.

Note

If the digital TV signal is very weak, there could be interruptions to the picture and sound (and).

The TV menu

Fig. 38 TV menu over the TV image

- Press the MEDIA unit button.
- If necessary, press the MEDIA unit button again to switch from the *Audio* to the *Video menu* ⇒ Fig. 38 ⇒ page 30.
- Press the TV function button to open the *TV menu* ⇒ Fig. 38.

The TV channel that you last selected appears in the default aspect ratio and in full-screen display mode. The sound is relayed via the vehicle's loudspeakers. The aspect ratio and other settings can be adjusted ⇒ page 56.

Showing or hiding the TV menu

- If the *TV menu* is hidden, press the screen briefly to display it again ⇒ Fig. 38.

The *TV menu* is hidden automatically after approximately 15 seconds of inactivity.

- Touch a vacant area of the screen to hide the *TV menu* manually.

Displays in the TV menu

Each time you switch stations, the *TV menu* is displayed for a few seconds with information about the current station ⇒ Fig. 38.

The station name is displayed if the set station is transmitting a station ID. Otherwise, only the channel number can be displayed.

Any additional information that is displayed will depend on the type of station (analogue or digital) and the services it supports.

When viewing digital TV stations which support EPG, it is also possible for the name of the current broadcast and its duration to be shown.

Display location	Display	Meaning
Top right	**Analogue**	Analogue TV station set.
	DVB-T	Digital TV station set.
	Radio	Digital DVB-T radio station set.
	EPG	An electronic programme guide is offered by the set station ⇒ page 55.
	VT	Teletext is offered by the set station ⇒ page 54.
Middle right	∞	Broadcast is in stereo.
	●○	Broadcast is in two-channel sound (channel selection ⇒ page 56).
Top left	**Channel A**	Selected voice channel for broadcasts with two-channel sound.
	Channel B	

If a TV station can no longer be received, the icons for “sound off” and “no reception” are displayed on the screen.

Changing and selecting TV stations

Fig. 39 TV menu with digital TV station (DVB-T)

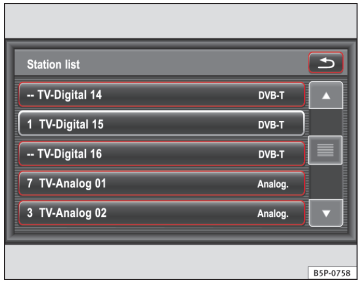

Fig. 40 TV station list with 3 digital and 2 analogue TV stations.

The unit regularly searches to check what TV stations can be received, and stores them in the station list.

Changing TV stations using arrow buttons

- Briefly press an arrow button on the unit ⇒ Fig. 1 (3) or in the *TV menu* ⇒ Fig. 39.

Depending on the settings, only stored stations will be browsed ⇒ page 56.

Selecting TV stations from the station list

- In the *TV menu*, press the Station list function button. The list view "jumps" straight to a view of the TV station that is currently selected ⇒ Fig. 40.

Digital TV stations are displayed at the top of the station list, followed by the analogue TV stations with their station ID and then the analogue TV stations with no station ID (only the channel number is shown). Any digital radio stations are displayed at the end.

- Search the list to display more stations.
- Press the desired station to select it.
- To close the station list, press the ⮌ function button.

The station list closes automatically after a period of inactivity.

Automatic station tracking

After a change of location, the unit attempts to look for a TV station by means of its station ID. If no digital TV stations are available at the new location, then depending on the setting, the unit searches for the station's analogue equivalent and vice versa ⇒ page 56.

During station tracking, the unit relies on finding an absolutely identical **station ID**. If the particular station transmits an ID that is different from region to region, the unit will not find the last selected TV station at the new location.

Please note that there is a much wider variety of programmes in areas with digital coverage, and that digital TV stations are often restricted to the region within their transmitting range. ▶

Note

The way in which TV stations and broadcasting groups transmit their IDs is the responsibility of the particular station.

Browsing TV channels manually

- In the *TV menu*, press the Extras function button.
- In the pop-up window, press the Manual function button.
- The pop-up window is closed and the Extras function button changes to ▶ Manual.
- Briefly press the arrow buttons on the unit or on the screen.

The TV channels are scanned one after another according to their sequence on the waveband – irrespective of whether they are occupied or not.

- Press the ▶ Manual function button or the setting knob ⇒ Fig. 1 (8) to close manual frequency selection.

You can also browse TV channels and digital TV stations by turning the setting knob.

Memory list

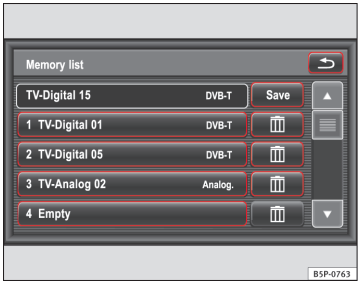

Fig. 41 Memory list with 3 digital and one analogue TV station.

Opening and closing the preset list

- In the *TV menu*, press the Presets function button to open the presets list ⇒ Fig. 41.

The currently selected TV station is shown in the top line of the screen. Previously stored TV stations and all the available memory locations are displayed in a list below.

- Press the ⮌ function button to close the preset list.

Storing current TV stations

- In the memory list, press the Store function button to store the current TV station to a memory location ⇒ Fig. 41.
- Following this, press to select the desired preset location.

If you select a preset location where another station is stored, the other station will be overwritten.

When a TV station is stored, the “station ID” is stored, i.e. the name broadcast by the TV station ⇒ page 52.

If no station ID is available then only the current channel number of the set station is stored.

Tuning to stored stations

- In the preset list, call up a stored station by pressing.

Depending on the settings, it is also possible to browse through the stored stations using the arrow buttons ⇒ page 56.

If the stored station can no longer be found using its station ID in your current location, you are informed accordingly when you try to select it.

- Press the OK function button.
- Following this, you can attempt to find the TV station in the station list, for example, if it is being broadcast with a different station ID at your location ⇒ page 52.

If only the **channel number** of a station has been stored, it can occur that another station is being broadcast on the stored channel number if you move to a different location.

Deleting a stored station

- In the preset list, press the 🗑 function button to the right of a stored station.
- Press the Delete function button to accept the confirmation dialogue.

All stored stations can be deleted together ⇒ page 56. ■

Viewing teletext

Fig. 42 Pop-up window for selecting other functions

Fig. 43 Typical teletext page

VT is displayed at the top right of the *TV menu* if the set station offers teletext ⇒ Fig. 42. ▶

Starting and stopping teletext

- In the *TV menu*, press the Extras function button.
- In the pop-up window, press the T-TXT function button to open the teletext page for the currently selected TV station ⇒ Fig. 43.
- Press the ⮌ function button to close teletext.

Changing teletext pages

- Open teletext.
- Press the ▲ or ▼ function button to change to the next or previous available page number.

The number of each current page is shown on the top left.

Teletext pages are identified clearly by a unique page number. Unused page numbers are skipped when you browse with the arrow buttons.

Opening a specific teletext page

The teletext home page generally displays a list of the available pages. To go to a specific teletext page you must enter the corresponding number.

- Press the Page function button, enter the number of the desired page via an input window and confirm it.

The available teletext pages of the set TV station are searched through in ascending order, looking for the entered number. The running numbers next to the entered number indicate the progress of the page search. Opening a page can take some seconds.

Other operating options in the teletext menu

- Press the screen briefly to show and hide the TV picture behind the teletext page.
- Press the Stop function button to stop automatic changes between the sub pages of a teletext page.
- Press the Zoom function button briefly to display first the top half and then the bottom half of the teletext page alternately, and finally to return to the normal view.

Incorrect characters in teletext

If incorrect characters are displayed in teletext, the current TV channel is not correctly transmitting the country code for your location to the TV tuner.

- Enter teletext page numbers 857 and 889 directly one after another, and enter the corresponding country code manually in the teletext page that appears.

Note

If no teletext is available for the current TV station then the screen remains black and is displayed.

Note

If reception is poor, additional services such as teletext and EPG (electronic programme guide) may be temporarily unavailable. ■

EPG (Electronic Programme Guide)

Fig. 44 Pop-up window for calling up the electronic programme guide (EPG) ▶

EPG is displayed at the top right of the *TV menu* if the set station offers an electronic programme guide ⇒ Fig. 44.

The electronic programme guide is only available for digital TV stations received on DVB-T and only when they support EPG. The EPG cannot display any information about analogue TV stations.

Starting and stopping the electronic programme guide

- In the *TV menu*, press the Extras function button ⇒ Fig. 44.
- In the pop-up window, press the EPG function button to display the electronic programme guide.

For each digital TV station that you can currently receive, the list displays the programme that is currently running and the programme that immediately follows it. The programme on the selected TV station is highlighted.

- Press the ⮌ function button to close the electronic programme guide.

Browsing the electronic programme guide and changing stations

The programmes listed **cannot** be selected directly by pressing them. They must be highlighted, displayed or opened using the function buttons on the right-hand side.

- Open the electronic programme guide.
- Press the ▲ or ▼ function button to select the current broadcast of another TV station.
- Press the Info function button to display more information about the highlighted programme and the next programme provided the station makes this information available.
- Press the Select function button to change to the selected TV station and close the electronic programme guide.

Note

TV stations are responsible for the scope and content of the information provided in the EPG.

Note

If no electronic programme guide is available for the current TV station, the screen remains black and 📺 is displayed.

Note

If reception is poor, additional services such as teletext and EPG (electronic programme guide) may be temporarily unavailable.

TV settings

The **Setup Video** menu is also used to adjust the settings for the TV mode ⇒ page 123.

- Press the SETUP unit button.
- Press the Video function button.
- Search the list for the TV settings.

Function button: effect
Arrow buttons: define the station selection for the arrow buttons ◁ and ▷ ⇒ page 52.
Station list: the arrow buttons are used for switching through **all** available TV stations one after another
Memory list: **only** the stored TV stations can be selected with the arrow buttons (display **Presets**)
TV standard type: press to select the desired TV type for the country in which you are currently driving. For information about TV types, refer to a specialist shop or the Internet.
TV format: set the aspect ratio of the picture in TV mode.
4:3: the picture will be displayed in 4:3 format. The picture of programmes broadcast in 16:9 format will be distorted.

Function button: effect
16:9: all films will be zoomed up to the maximum screen width. The picture of programmes broadcast in 16:9 format will be cut off at the top and bottom. The picture of programmes broadcast in 4:3 format will be distorted.
16:9 hor. zoom: all films will be zoomed to 16:9 format. The picture of programmes broadcast in 4:3 format will be distorted.
TV audio channel: if a programme is broadcast in two languages, select one audio channel for playback (display two-channel sound: ●○) ⇒ page 50.
☑ Automatic DVB-T/Analogue switch: for automatic station tracking, it is permitted to search for the analogue or digital counterpart of the set TV station ⇒ page 52.
Deleting the TV preset list: when Delete is pressed, all stored TV stations are deleted.
AV 1 standard or AV 2 standard: select the required playback standard for playing an optionally connected external audio/video source. Follow the manufacturer's instructions.
AV1 format and AV2 format: define aspect radio of the picture from an external video source.

Navigation

Introduction

Introduction

General information

The current vehicle position is determined by means of the GPS satellite system (Global Positioning System). Sensors in the vehicle measure distances that have been driven. All measurements are compared to the detailed map information and the road traffic routing stored on the navigation data medium. If required, TMC traffic reports are taken into account in the route calculation ⇒ page 94. The navigation system uses these data to determine an optimal route to the destination.

The unit has a navigation data memory. According to your country, the required navigation data is pre-installed or supplied on a DVD with the unit.

The destination is defined by entering an address or a point of interest, e.g. a petrol station or hotel.

Navigation announcements and visual guidance on the navigation system and the instrument cluster direct you to your destination ⇒ page 89.

Depending on the country, some radio-navigation system functions can no longer be selected when the vehicle is travelling above a certain speed. This is not a malfunction, but simply a legal requirement.

Navigation data memory

The unit is equipped with a navigation data memory. Depending on the country, the required navigation data are either pre-installed or supplied with the unit on DVD.

You should generally navigate with the navigation data memory in the unit, in order to allow all navigation functions to be used quickly and efficiently.

To do so, copy the navigation data you need to the navigation data memory ⇒ page 59.

There are different generations of units in use in SEAT vehicles. The navigation data memories for the different units are **not** interchangeable.

The navigation system always requires the navigation data that is currently valid for this unit in order to allow all functions to be used in full. Using an old version of the navigation data may lead to malfunctions during navigation. For information please contact a SEAT dealership.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Entering a destination ⇒ page 62
- Destination memory ⇒ page 72
- Route guidance ⇒ page 89
- MAP (map display) ⇒ page 99

Note

Dirty or damaged navigation data media may lead to problems in the copying of navigation data and use of the navigation function. Data media should always be stored in a suitable rack or in the original case when not in use. Protect data media from physical damage, heat, moisture and direct sunlight.

Note

Removing a data medium while it is being used for navigation cancels the active navigation.

Limitations of the navigation function

Possible errors in navigation

When the navigation system cannot receive any data from GPS satellites (dense canopy of trees, tunnel, underground car park), navigation can still continue using the vehicle sensors.

In areas that are not or only partially digitised on the data medium (e.g. insufficient definition of one-way streets and road categories), the navigation system will still attempt to provide route guidance.

If navigation data are unavailable or incomplete, the navigation system may be unable to determine the exact vehicle position. As a result, the navigation may not be as exact as usual.

Navigation area and age of navigation data

The mapped area on the navigation DVD is very large and comprises several countries.

If you do happen to leave the navigation area covered by the data available in the unit, you will need another navigation CD with the navigation data for the adjacent area.

Roads and streets are subject to constant change (e.g. new roads, changes to street names and house numbers). After some time, navigation data will no longer be up to date. This may lead to inaccurate or incorrect route guidance. Therefore, update the navigation data memory of the unit at regular intervals.

Current navigation data media and versions for other countries are available from SEAT dealerships. ■

Copying and updating navigation data

- Insert the navigation DVD ⇒ page 30.

The copying process is started automatically in the background if no navigation data has been stored in the unit yet. A corresponding message appears after the ⏏ ⇒ Fig. 1 unit button is pressed.

If navigation data has already been stored, the unit compares the data on the navigation DVD with that in the unit.

No further information is displayed if the **data is identical**. The DVD can be removed.

A pop-up window is opened if the **data is not identical**.

The pop-up window appears in 2 cases:

– There is a different version of the map information for the navigation area stored in the unit.

– The map information on the navigation DVD is for a different navigation area.

- Press the Next function button. Ongoing route guidance or destination entry is cancelled in this case.
- Wait until the loading process is complete.

Updating or replacing the navigation data memory

- Press the Install function button to replace the data in the navigation memory of the unit with the data on the navigation DVD.

Copying **one** navigation DVD can take **up to an hour**.

If you only need to use the navigation data on a navigation DVD for a short time, navigation should be started from the navigation DVD.

- Press the Use DVD function button.

Route guidance will be cancelled if the navigation DVD is removed. ▶

During the copying process

If the ⏏ unit button is pressed, a message appears stating that navigation data is currently being copied. The progress bar in the bottom line of the screen shows the progress of the copying process.

The procedure is cancelled if the navigation DVD is removed using Eject.

- Press the Notify function button to resume copying and be informed when the storing process has finished.

Nevertheless, the navigation data memory can only be used for navigation when all navigation data has been fully copied. During the copying process, route guidance is always started from the navigation DVD. If the navigation DVD is removed, route guidance is cancelled and must be restarted.

If the unit is switched off during the copying process, the copying process stops. Copying is resumed when the unit is switched on again, provided that the navigation data medium is still available in the unit.

Copying finished

A message appears when copying is completed.

- Press the Eject function button to remove the navigation DVD.
- **OR:** If you have already started route guidance from the navigation DVD, press the Cancel function button to leave the navigation DVD in the unit until route guidance is completed.

Note

After copying, you should keep the navigation DVD in a safe place in the vehicle, in case you want to replace the data in the unit by data from another navigation DVD as a transitional measure.

Navigation main menu

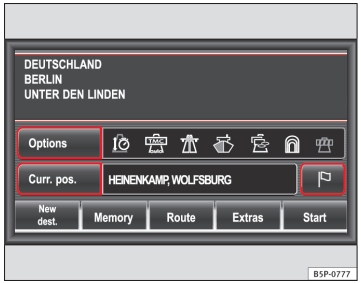

Fig. 45 Navigation main menu: destination mode

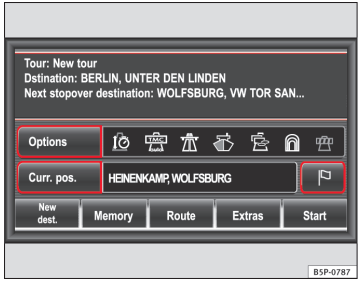

Fig. 46 Navigation main menu: tour mode

The navigation functions are only enabled when navigation data for the current area are available in the radio-navigation system ⇒ page 59.

Opening the Navigation main menu

- Press the NAV unit button ⇒ Fig. 1 (2) to open the last menu opened in the navigation function.
- If the *Navigation* main menu is **not** displayed, press the NAV unit button again. In this way, the main menu is opened directly from each navigation submenu.
- To switch back to the *Navigation* main menu on a menu-by-menu basis, press the ⮌ function button in the corresponding submenu.

The *navigation* main menu is displayed in “normal” destination mode ⇒ Fig. 45 or in tour mode ⇒ Fig. 46 or as waypoint navigation ⇒ Fig. 74.

If **Tour mode** is displayed ⇒ page 80.

If the **Waypoint navigation** menu is displayed ⇒ page 83.

Display of the last destination

In the upper third of the screen, the destination last used as route guidance is displayed.

- Briefly touch the display box to show the displayed destination in the detailed view.
- Press the New dest. function button followed by the ✉ Address function button to edit the displayed destination ⇒ page 64.

If no destination is displayed, this means no route guidance has been started or that the **destination memory** has been deleted manually ⇒ page 72.

Function buttons in the Navigation main menu

Function button: effect
Options: defines route options for calculating a route ⇒ page 89.
Position: opens the current position in the detailed view.
Store: stores the displayed position in the destination memory ⇒ page 72.
⚐: stores the current position as a “Flagged dest.” in the destination memory. An older flagged destination is overwritten in this case ⇒ page 72.
New dest.: Opens the selection menu for selection of a destination ⇒ page 62.
Presets: opens a pop-up window for storing the current destination, loading stored destinations, managing destinations or importing new destinations ⇒ page 72.
Route: for entering and managing manual route exclusions ⇒ page 89.
Extras: opens a pop-up window.
New stopover destination: for entering a stopover destination ⇒ page 78.
Tour mode: for switching to tour mode in order to drive to several destinations during route guidance ⇒ page 78.
Waypoint navigation mode: for navigation in non-digitised areas (off-road navigation) ⇒ page 83.
Start: Starts route guidance to the displayed destination ⇒ page 89.

Destination entry

Introduction

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Introduction to navigation ⇒ page 58

New destination menu: defining destination selection

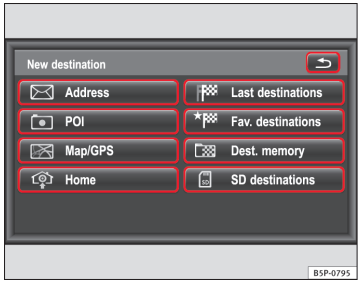

Fig. 47 Menu: new destination

- In the *Navigation* main menu, press the New destination function button.

The **New destination** menu displays all possibilities for destination selection.

- Press one of the function buttons to start the corresponding destination selection ⇒ Fig. 47.

It is possible to select new or stored destinations.

The last destination for which route guidance was started is used as the temporary destination or destination area for selection of a new destination.

Selecting a new destination

Function button: type of destination selection
Address: select destination using address information ⇒ page 63.
Points of interest: start searching for points of interest (e.g. hotels, petrol stations) within a particular search area. A name or a telephone number can also be entered for the search ⇒ page 65.
Map/GPS: select a point on the map as the destination ⇒ page 66 or enter a destination using coordinates ⇒ page 67.

Selecting a stored destination (destination memory)

Function button: type of destination selection
Home: a home address must be defined when you select this for the first time ⇒ page 72. **OR:** Route guidance to the defined home address is started ⇒ page 89.
Last destinations: select a destination from the list of recent destinations for which route guidance was started ⇒ page 68.
Favourites: select the destination from the list of destinations stored as favourite destinations ⇒ page 68.
Dest. memory: select a destination from the list of manually stored destinations ⇒ page 68.
SD destinations: select digital business cards that are stored on the memory card and can be read by the device as navigation destinations ⇒ page 69.
Further information on storing and editing stored destinations ⇒ page 72.

Selecting a destination address (address entry)

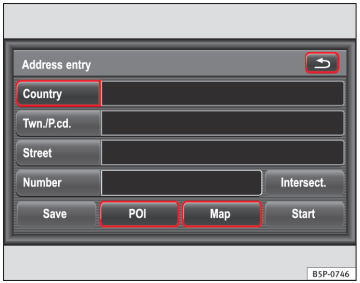

Fig. 48 Selecting addresses

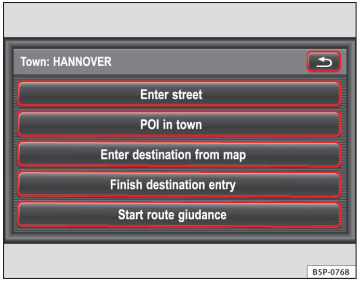

Fig. 49 Country and town selected: narrowing down the address

- In the **New destination** menu, press the Address function button to open the **Address entry** menu ⇒ Fig. 48.

If a destination has already been defined, it is displayed in the **Address entry** menu and can be changed there ⇒ page 64.

Selecting destination parameters for the destination address

A destination address must always be selected in the displayed sequence, first the country, then the town, etc. A “town” can be a small village or a postcode area.

The individual destination parameters (country, town, etc.) are selected using input windows.

- Press the Country function button and select the desired country.
- Press the Enter town function button and select the town or postcode.

Once a town has been entered, it is already possible to start route guidance to the town centre of the selected town ⇒ Fig. 49.

- Press the Start route guidance function button ⇒ page 89.
- **OR:** Press the Enter street function button to further narrow down the destination address by entering a street, followed by a house number or junction.

When narrowing down the destination address, **please note** that every entry restricts the available range of subsequent selections. For instance, if the street you are looking for is **not** in the postcode area you have selected in a previous window, you will not be able to find the street at the street selection stage.

- Press the Finish destination entry function button to display the selected destination parameters in the **Address entry** menu ⇒ page 64.

The **Address entry** menu is opened automatically if the destination address cannot be narrowed down any further.

Search for points of interest

It is possible to search for points of interest in the vicinity of the location specified by the destination parameters ⇒ page 65.

Destination from map

It is possible to select a destination from the map view in the vicinity of the location specified by the destination parameters ⇒ page 66.

Address input menu

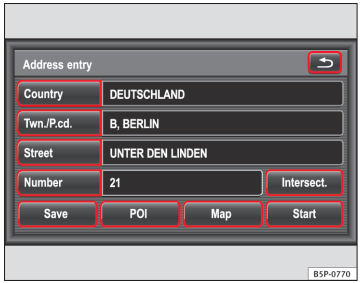

Fig. 50 Address entry menu with destination address.

The **Address entry** menu displays an overview of all destination parameters ⇒ Fig. 50.

- Press the function button for a destination parameter to open an input window and edit the destination parameter or narrow down the destination further.

Changes to one of the broad destination parameters will cause the more specific destination parameters to be deleted. If the destination parameters after City/P.cd. are changed, the old parameters after Street, Number and Intersect. are deleted.

In the **Address entry** menu, you may also enter or change an address in the set order only (**Country**, **City/P.cd.**, **Street** etc.).

Other function buttons

Store[1)]: Store the displayed destination in the *destination memory* after assigning an entry name ⇒ page 72.

POI[1)]: search for points of interest in the vicinity of the displayed address ⇒ page 65.

Map: select the destination from the map view in the vicinity of the displayed address ⇒ page 66.

Start[1)]: starts route guidance to the displayed address ⇒ page 89.

1) This is not available unless the destination has been defined sufficiently.

Point of interest as a destination

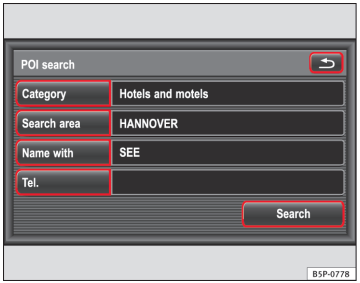

Fig. 51 Search window for a point of interest search

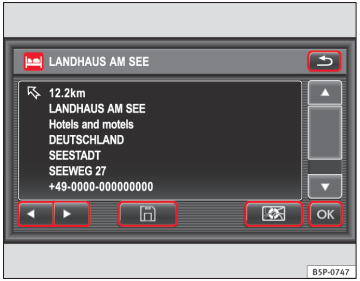

Fig. 52 Point of interest detailed view

- In the **New destination** menu, press the POIs function button ⇒ Fig. 47.
- The **POI search** menu opens ⇒ Fig. 51.

You do not need to fill in all lines to search for a point of interest.

Selecting a point of interest category

- Press the Category function button ⇒ Fig. 51 in order to open a list showing all available main categories.
- Touch a main category (e.g. CAR AND TRAVEL) to open a list showing the point of interest categories available there. There could be other subcategories available here, e.g. TRAVEL.
- Press the function button to go back to the main category from a sub-category.
- Press the desired point of interest category to transfer it to the **POI search** menu.

If you have imported your own point of interest database via the **Setup Navigation** menu and the My POIs function button ⇒ page 123, the additional main category Personal POIs will be displayed.

Defining the search area

- Press the Search area function button ⇒ Fig. 51.

Following this, define a “search area centre” to search for points of interest close to that location. Note search radius for points of interest ⇒ page 66.

- If a destination has already been defined, press the Near destination function button to accept this destination as the search area centre.
- **OR:** press the Position function button to accept the current location as the search area centre.
- **OR:** press the Near city function button to set a town as the search area centre.
- **OR:** Press the Select point on map function button to select a search area centre by moving a crosshair in the map view (as in page 66).

Following selection, the selected search area centre is displayed in the **POI search** menu.

Entering a keyword

- Press the Name function button to enter a “keyword” via an input window. ▶

A keyword is a combination of digits and letters that occurs in the name or the detailed information of the desired point of interest. For example, the known part of a name can be entered, e.g. “Lake”. Possible results might be “*Lake*side Hotel” or “*Lake* Road”.

The input window allows free text input. Correct spelling is therefore important.

Entering the telephone number

- Press the Tel. function button to enter the known part of a telephone number.

Always enter telephone numbers without the area and country codes.

Starting the search

- Press the Search function button.
- The search radius is displayed and gradually enlarged.
- Pressing the Results function button ends the search at the displayed radius.

The search ends automatically when a maximum of 100 matches for the selected category have been found or the search radius around the search area centre has been searched.

The results are displayed in the list of **search results**. The points of interest closest to the entered search area centre are displayed at the top. The distances and directions refer to the route as the crow flies.

Search radius for points of interest

- Select main category All categories: approximately 50 kilometres around the search area centre.
- Select category, e.g. Restaurants: approximately 200 kilometres around the search area centre.

Opening the detailed view of a point of interest

- Press an entry to open the detailed view of a point of interest ⇒ Fig. 52.

◀: displays the previous point of interest in the list.

▶: displays the next point of interest in the list.

: stores the point of interest ⇒ page 72.

: makes a call to the telephone number shown in the detailed view ⇒ page 107.

: displays the vehicle position and point of interest on the “normal” 2D map ⇒ page 99.

OK: starts route guidance ⇒ page 89. ■

Selecting destinations from the map

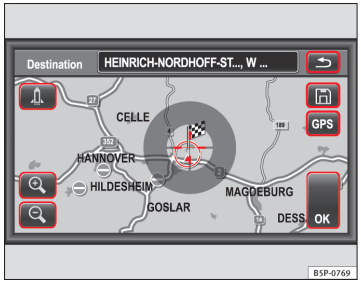

Fig. 53 Destination on map

- In the **New destination** menu, press the Map function button ⇒ Fig. 47.
- **OR:** In the **Address entry** menu, press the Map function button ⇒ page 63 ⇒ page 64.
- The map display is opened ⇒ Fig. 53. ▶

The most recently entered destination is shown on the map. The current location is displayed if no destination has been defined yet.

- Turn the setting knob ⇒ Fig. 1 (8) or press the [🔍] or [🔍] function buttons to change the map scale.
- To move the crosshair, place your finger on the crosshair on the map and, *without lifting your finger*, drag it across the screen.

The next section of the map will be shown after a few seconds when the crosshair is moved to the side of the screen.

The destination currently selected using the crosshair is displayed in the top line of the screen. If only coordinates are displayed, this means the selected destination is in a non-digitised area. Such destinations cannot be reached precisely in route guidance ⇒ page 89.

- Press the [OK] function button to start route guidance to the displayed destination.

Other function buttons

[△]: briefly zooms out into an overview display.

[🔍]: zooms into the map.

[🔍]: zooms out of the map.

[🖫]: stores the displayed destination ⇒ page 72.

[GPS]: changes to coordinate entry ⇒ page 67.

[OK]: starts route guidance ⇒ page 89. ■

Entering a destination using coordinates

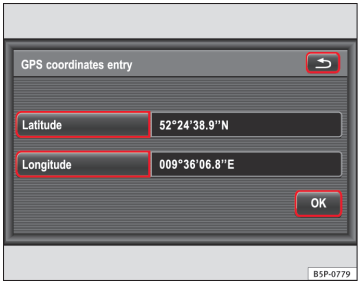

Fig. 54 Enter the destination using coordinates

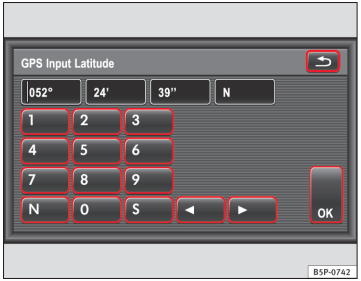

Fig. 55 Input window for coordinate entry

- In the **New destination** menu, press the [Map/GPS] function button.
- Press the [GPS] function button in the map view ⇒ Fig. 53.

The **GPS data entry** menu is opened. The coordinates of the destination previously shown on the map are displayed ⇒ Fig. 54. ▶

- Press the Latitude or Longitude function button.
- Enter the coordinates via the input window ⇒ Fig. 55.
- Press the OK function button when the desired latitude or longitude is displayed in the entry fields.
- In the **GPS data entry** menu, press the OK function button ⇒ Fig. 54 to start route guidance to the displayed coordinates ⇒ page 89.

If the coordinates entered are outside of the recorded area, you will see a corresponding message on the screen and the entry will have to be corrected.

- Press the OK function button and correct the inputs.

Note

The coordinates for the current vehicle position can be shown in the *additional window* of the map display ⇒ page 99.

Selecting stored destinations

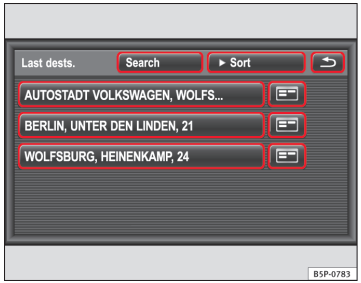

Fig. 56 List of the automatically stored last destinations

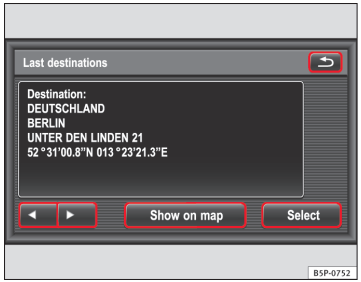

Fig. 57 Detail view: recent destinations

- In the *Navigation* main menu, press the New destination function button.

Route guidance to the stored home address, to an automatically stored destination or a manually stored destination can be started in the **New destination** menu.

Starting route guidance to the stored home address

- Press the Home function button to start route guidance to a previously stored home address ⇒ page 72.

Starting route guidance to a stored destination

Destinations for which route guidance has been started are **automatically** stored in the **Last destinations** list ⇒ Fig. 56.

All **manually** stored destinations are stored in the **Destination memory**.

Destinations stored with the **"Favourites status"** attribute are **additionally** put in the **Favourites** list ⇒ page 76.

- Press the Last destinations, Favourites or Destination memory function button.
- Press the destination in the list to start route guidance.
- **OR:** to display additional information about the destination, press the function button and select one of the following options:

Loading: starts route guidance ⇒ page 89.

Show details: shows the destination in the detail view ⇒ Fig. 57.

Show on map: shows the location and destination in the map overview ⇒ page 99.

In long lists, you can also search for a destination by entering its name.

- Press the Search function button ⇒ Fig. 56 and enter the name in the input window. ■

Selecting digital business cards (vCards) and GPS images from a memory card

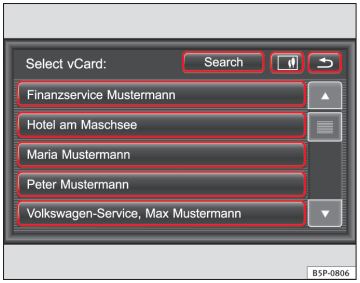

Fig. 58 Selecting a digital business card (vCard) for route guidance.

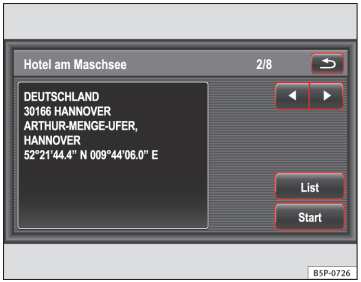

Fig. 59 Digital business card in the detailed view.

Digital business cards (vCards) and GPS images that can be imported by the unit can be created with the Volkswagen NAV Companion ⇒ page 72.

Digital business cards (vCards) stored on an inserted memory card can be used as navigation destinations if they are in the correct file format and stored in the correct folder. The importable business cards are displayed in the **Select vCard** list.

Images stored with the GPS data (GPS images) can also be used for route guidance and are displayed in the **Select a picture** menu.

- Insert the memory card into the radio-navigation system ⇒ page 30.
- In the *Navigation* main menu, press the New destination function button.
- In the **New destination** menu, press the Destinations SD map function button.

The **Select vCard** list ⇒ Fig. 58 or the **Select a picture** menu opens.

- Press the or function button at the top right of the screen to switch to the list or image view.

The SD destinations, and function buttons are only enabled if compatible data is stored in the appropriate folders on the memory card. ▶

Selecting a business card

- In the **Select vCard** list, press the desired entry to open the detailed view ⇒ Fig. 59.
- Press the ◀ or ▶ function button to display all entries in the detailed view one after another.
- Press the Start function button to start route guidance to the displayed destination ⇒ page 89.
- Press the ⮌ function button to go back to the **Select vCard** list ⇒ Fig. 58.

Readable business cards can also be imported into the destination memory of the radio-navigation system ⇒ page 72.

If the stored information is insufficient for route guidance or is in the wrong format, the window will remain empty in the detailed view.

Selecting a picture

In the **Select a picture** menu, up to 98 GPS images can be viewed as preview pictures.

Preview pictures can also be sorted into folders and displayed in the **Select a picture** menu. Folders are created automatically, for example, when you purchase digital travel guides (TravelGuides). In some countries, you can obtain digital travel guides via a link on the Volkswagen NAV Companion website.

- In the **Select a picture** menu, press a preview picture to open the picture view.
- In the picture view, press the Info function button to display additional information in the detailed view.
- Press the ◀ or ▶ function button to display all entries in the selected view one after another.
- Press the Start function button to start route guidance ⇒ page 89.
- Press the ⮌ function button to close the detailed view and picture view one after another.

Playing audio guides

If the function button is enabled in the detailed view, it is possible to start an audio guide to destinations contained in a digital travel guide.

- Press the function button to start the audio guide.

At the end of the audio guide, it is automatically played again.

- Press the MEDIA unit button to open the *MEDIA* main menu and control playback ⇒ page 30.

When audio guide playback is stopped, another track or a different audio source must be selected manually. ■

Selecting points of interest and favourite destinations from the map

In some menus, symbols for map displays can be defined ⇒ page 99.

- Press the MAP unit button to open the map view.

Changing the displayed map section

- In order to move the displayed map section, place your finger on the map and drag it across the screen *without lifting it off*.
- Press the function button to centre the map on the vehicle position again.
- Turn the setting knob ⇒ Fig. 1 (8) to change the map scale ⇒ page 99.

Selecting symbols

If no symbols are displayed, turn the setting knob clockwise in order to zoom in on the map.

- Press the symbol for a point of interest category or a favourite destination on the map to open the detailed view for the point of interest. ▶

Due to the map scale, there may be several entries behind one symbol on the map, in which case a list appears for selecting an entry.

- Select the required entry by pressing.

Point of interest information window

- Press the Start function button to start route guidance ⇒ page 89.
- **OR:** Press the Save function button to store the point of interest ⇒ page 72.

In the **Point of interest** information window, the point of interest can be set as a stopover destination during active route guidance.

- Press the Stopover function button to incorporate the point of interest as a stopover destination in the current route guidance ⇒ page 78.
- **OR:** Press the As dest. function button to start route guidance to this point of interest only ⇒ page 89.

Destination memory

Introduction

In the **"Destination memory"** it is possible to store up to 98 destinations either **manually** ⇒ page 73 or by importing destinations from vCards ⇒ page 73.

In addition, up to 100 destinations for which route guidance has been started are **automatically** stored in the **Last destinations** list ⇒ page 72.

All destinations stored in the **Destination memory** can be used for route guidance ⇒ page 62 or edited further ⇒ page 76.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Introduction to navigation ⇒ page 58
- Entering a destination ⇒ page 62

Automatically stored last destinations

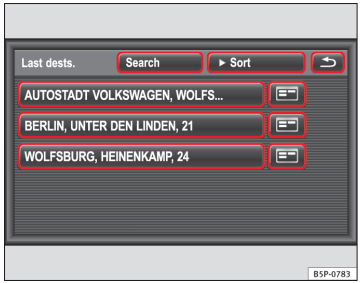

Fig. 60 List of recent destinations

Old *last destinations* are automatically overwritten by new destinations when the list is full (max. 100 destinations).

The **Last destinations** list is opened either from the **New destination** ⇒ page 62 menu or from the menu for editing the memory ⇒ page 75.

In the **Edit memory** menu, it is possible to delete **all** entries in the **Last destinations** list together.

Storing destinations manually

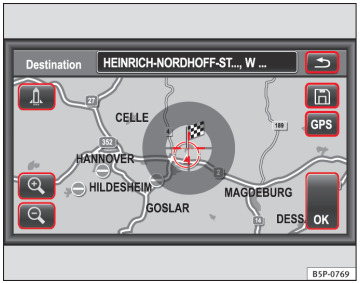

Fig. 61 Destination on map

Displayed destinations can be stored permanently in the destination memory from different menus.

Function buttons for storing a destination in the various menus

Menu	Function buttons and action
Navigation main menu ⇒ Fig. 45.	Press (flagged destination).
	Press Position and then Save.
	Press Memory and then Store destination.
Address entry ⇒ Fig. 50.	Press Save.
Last destinations list ⇒ Fig. 60.	Press and then Store.
Destination view in map or selection from map ⇒ Fig. 61.	Press .
Detailed view of a point of interest or destination ⇒ Fig. 52.	

Storing destinations

- Press the displayed function button for storing a destination in order to call up the **Edit/save entry** menu.
- Define the name and favourite status of the destination to be stored ⇒ page 76.

Storing digital business cards (vCards) and GPS images on a memory card and importing them

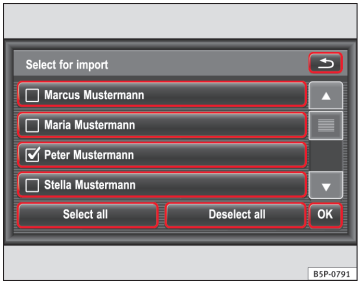

Fig. 62 Selecting an address (vCards) to import

The “Volkswagen NAV Companion” can be used to search for an address on the Internet. The GPS data of destinations found can be downloaded as digital business cards (vCards) and stored on a memory card that is compatible with the unit.

You can also upload your own images and store them with GPS data as “GPS images”.

Compatible digital business cards and GPS images can be used for route guidance ⇒ page 62 provided they are stored in the correct folder on the memory card.

Creating and storing digital business cards and GPS images with the Volkswagen NAV Companion

A description is also given on the Volkswagen NAV Companion website.

- Create an empty folder on the uppermost menu level of a memory card compatible with the unit, and give the folder a name. Correct spelling is important!

Folder name: use
“Destinations”: digital business cards (vCards).
“gps-pictures”: images with compatible GPS data (GPS images).

- Search for an address on the Internet using the “Volkswagen NAV Companion”.
- If you wish to use the address for creation of a GPS image, upload an image by following the instructions. The GPS data of the address are then assigned to this image.
- Select whether to store the address as a digital business card or a GPS image.
- Following the additional instructions, store the address in the correct folder on the memory card (“destinations” or “gps-pictures”).

GPS images can be selected from the memory card for route guidance, but **not** imported ⇒ page 62.

Importing digital business cards (vCards) into the destination memory

Addresses stored using the Volkswagen NAV Companion in the “destinations” folder can be imported into the radio navigation system.

- Insert the memory card into the radio-navigation system ⇒ page 30.
- In the *navigation* ⇒ Fig. 63 main menu, press the Memory function button.
- In the pop-up window, press the Import destination function button and then press Continue.
- Press the destinations to be imported in the list to activate them ☑ and then press the OK function button ⇒ Fig. 62.
- Also confirm the import message by pressing the OK function button.

Imported destinations are automatically stored with an orange favourites symbol ⇒ Fig. 65.

To select favourite destinations from the map ⇒ page 62.

Digital travel guides (TravelGuides)

In some countries, you can obtain digital travel guides (TravelGuides) for the SEAT navigation system via a link on the Volkswagen NAV Companion website.

Digital travel guides can be stored by folder within the “TravelGuides” folder on the memory card and are selected via the **Select a picture** menu ⇒ page 62.

The radio-navigation system can manage a maximum of 20 digital travel guides in the “TravelGuides” folder.

The destination addresses stored in digital travel guides (GPS data) can be imported into the destination memory as described for digital business cards (vCards).

Further information on digital travel guides must be obtained from the individual supplier of the guide.

Editing stored destinations in the destination memory

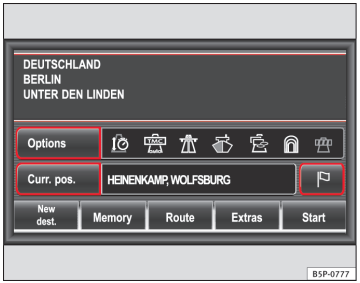

Fig. 63 Navigation main menu

Using the **Edit memory** menu, it is possible to open the **Destination memory** to edit stored destinations.

- In the *Navigation* main menu, press the Memory function button ⇒ Fig. 63.
- In the pop-up window, press the Manage memory function button.

Editing manually stored destinations

- In the **Edit memory** menu, press the Destination memory entries function button to display the list of all manually stored destinations.
- In the **Destination memory** list, press the function button following a destination that is to be edited.
- In the pop-up window, press the Edit function button to open the **Edit/store entry** menu ⇒ page 76.

The **Destination memory** list displays **all** manually stored destinations – including favourite destinations and the stored flagged destination.

Flagged destination

In the *navigation* main menu, pressing the function button ⇒ Fig. 63 stores the current vehicle position in the **Destination memory** under the name **“Flagged dest.”**.

Pressing the function button again overwrites the destination stored as the **Flagged dest.**, unless this has already been renamed in the **Edit/save entry** menu ⇒ Fig. 64.

Other function buttons in the Edit memory menu

Function button: effect
Recent destinations: opens the list of most **recently visited destinations** ⇒ Fig. 60.
Delete destination memory: deletes all entries in the **Destination memory** list, following confirmation.
Delete all recent destinations: deletes all entries in the **last destinations** list, following confirmation.

Edit/store entry menu

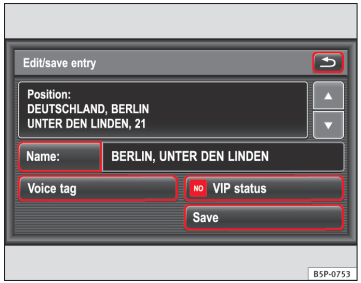

Fig. 64 Menu for storing a destination.

Fig. 65 Available favourite categories

The **Edit/save entry** menu is opened when a destination has been selected to be stored or edited ⇒ Fig. 64.

[▲] or [▼]: “scrolls” the destination information up or down.

[Name]: opens an input window where you can change the displayed name.

[Favourite status]: opens a menu for selecting a favourites category ⇒ Fig. 65.

[Voice tag]: for recording a voice tag (not available in all languages) ⇒ page 14.

[Save]: stores the destination in the destination memory with the displayed information.

[Delete][1]: deletes a stored destination from the destination memory.

Favourites

For faster selection of a stored destination and to display it on the map, you can also give frequently used destinations “VIP status”.

The list of destinations stored as favourites is called up using the [Fav. destinations] function button ⇒ Fig. 47.

Favourite destinations are displayed as orange symbols on the map in accordance with the selected settings for the map view ⇒ page 123. Favourite destinations can be selected from the map for route guidance ⇒ page 62. ■

[1] Can only be displayed when a stored destination has been opened for editing.

Storing or editing the home address

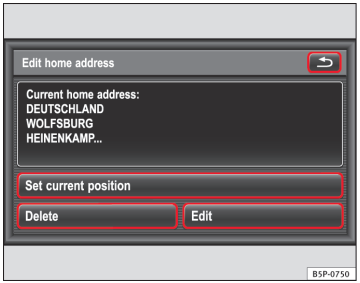

Fig. 66 Menu: edit home address

Only one address or position can be stored as the home address at any one time. The stored home address can be edited or deleted.

To start route guidance to the stored home address, press the Home function button in the **New destination** menu ⇒ page 62. If there is no home address stored, you are informed accordingly and you can define the home address.

Entering the home address

- Press the Dest. entry function button to select any destination as the home address ⇒ page 62.
- **OR:** press the Current position function button to store the current vehicle position as your home address.

Changing the stored home address

- Press the SETUP unit button.
- Press the Navigation function button.
- Press the Define home address function button to open the **Edit home address** menu ⇒ Fig. 66.

Editing home address

Function button: effect
Setting the current position: stores the current vehicle position as your home address.
Delete: deletes the saved home address.
Edit: opens the saved home address for editing in the **Address entry** menu ⇒ page 62.

Tour mode

Introduction

In Tour mode, multiple destinations can be travelled during route guidance.

A trip with multiple destinations is called a “Tour”.

A tour always consists of **a destination** which is the end point of the tour and a **maximum of 10 stopover destinations**.

The “starting point” of a tour is always the vehicle position determined by the navigation system.

The “destination” is the end point of a tour.

“Stopover destinations” are driven to before the destination.

“Soft stopover destinations” do not have to be reached exactly, depending on the settings.

A **maximum of 10 tours** can be saved in the tour memory ⇒ page 82.

Additional information and warnings:

- Safety notes ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Introduction to navigation ⇒ page 58
- Entering a destination ⇒ page 62
- Route guidance ⇒ page 89

Entering a stopover destination

Fig. 67 Navigation main menu: extras pop-up window

A stopover destination can be entered once a destination has been defined. A stopover destination can also be entered during route guidance.

After the first stopover destination has been selected, the *Navigation* main menu is automatically opened in tour mode ⇒ Fig. 70.

- In the *Navigation* main menu, press the Extras function button ⇒ Fig. 67.
- **OR:** during route guidance, press the ... / ... function button in the map view ⇒ page 89.
- In the pop-up window, press the New stopover destination function button.

The next step is to define the stopover destination type and select the additional destination.

Selecting the stopover destination type and the additional destination

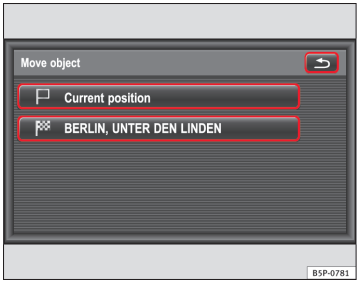

Fig. 68 Moving a menu object: specifying the position for a new destination

Before you can add an additional destination, you must define the stopover destination type.

Defining the stopover destination type

- Press the Exact function button if the new destination should be reached exactly during route guidance (display: ⚑).
- **OR:** press the Nearby function button if the route to be calculated only needs to take you past the stopover destination (display: ⚐).

The Close to stopover destination type for “soft” stopover destinations can be used for shifting a proposed route in a desired direction or for calculating a particular route to the destination.

The stopover destination type can be changed subsequently in the **Tour plan** menu ⇒ page 81.

The ultimate **destination** 🏁 can only be driven to directly. The stopover destination type is always set to Exact automatically for the final **Destination** 🏁.

Selecting and inserting a destination

When the stopover destination type has been selected, the **New destination** menu opens.

The new destination is selected as described for the destination entry ⇒ page 62. After the destination is confirmed, an information window appears.

- Press the Next function button.
- In the **Move object** menu ⇒ Fig. 68, press the Starting point function button to add the destination as the first stopover destination.
- **OR:** press another destination after which the new destination should be driven to.
- **OR:** press the ... function button to define the destination as the new destination.

The sequence in which the destinations will be driven to can be changed subsequently in the **Tour plan** menu ⇒ page 81.

Tour mode in the navigation main menu

Fig. 69 Navigation main menu: extras pop-up window

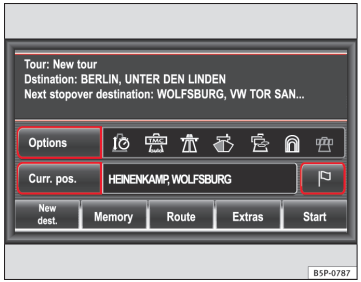

Fig. 70 Navigation main menu: tour mode

After the first stopover destination has been selected, the *Navigation* main menu is automatically opened in tour mode ⇒ Fig. 70.

It is possible to change over to tour mode manually from the *Navigation* main menu.

- Press the Extras function button.
- In the pop-up window, press the Tour mode function button ⇒ Fig. 69.

Editing within Tour mode

A tour is displayed in the top third of the screen. The name of the tour, the destination and the next stopover destination are displayed ⇒ Fig. 70.

- Press the display box to show the entire tour in the **tour plan** ⇒ page 81.

The tour displayed in the *navigation* main menu can have further destinations added to it directly.

- Press the New destination function button.
- Press the Stopover function button.
- Then select the type of stopover destination and the additional destination ⇒ page 79. ■

Leaving Tour mode

- Press the Extras function button ⇒ Fig. 70.
- In the pop-up window, press the Leave tour mode function button.
- Confirm the subsequent message with Leave.

The *navigation* main menu now only displays the destination defined as the end point in tour mode.

Note

A newly renamed tour is deleted when you exit tour mode, unless it is saved first ⇒ page 82. ■

Tour plan: creating or editing a tour

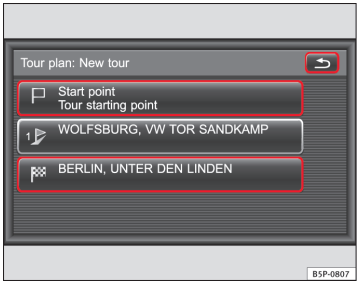

Fig. 71 Tour plan menu: tour with a stopover destination

In the **Tour plan** menu, an existing tour can be edited or a new tour can be created. An existing tour is automatically overwritten if it is edited.

Opening the Tour plan menu

- Change to tour mode ⇒ page 80.
- If desired, open a saved tour ⇒ page 82.
- In the *navigation* main menu ⇒ Fig. 70, press the display field of the tour to edit it.
- **OR:** In the *navigation* main menu, press the Extras function button and press the Edit tour function button in the pop-up window.

The **Tour plan** menu opens ⇒ Fig. 71. The destinations in the tour are displayed in the sequence in which they are driven to during route guidance.

Creating a new tour

When a new tour is created, the tour displayed in the *Navigation* main menu is deleted if it has not been saved.

- In the *navigation* main menu, press the Extras function button and press the New tour function button in the pop-up window.

The **Tour plan** menu opens. Only the starting point is defined by the current vehicle position.

Editing in the Tour plan menu

- In the **Tour plan** menu, press one of the displayed destinations ⇒ Fig. 71.

This opens the **Destination data** menu containing the detailed view of the selected destination.

Function button: effect
: displays the vehicle position and the selected stopover destination or final destination on the map.
: deletes the destination from the **Tour plan**.
, : changes the stopover destination type ⇒ page 79.
Move: allows you to move the destination in the **Tour plan** ⇒ Fig. 68.
New: starts the process of selecting an additional destination ⇒ page 79.
Start: starts route guidance only to this destination ⇒ page 89.
, : opens the other destinations from the **Tour plan** menu.
: closes the **Destination data** menu without changes.

The **starting point** of a tour cannot be changed. It is always determined by the current vehicle position. It is only possible to enter a following destination via the New function button.

If changes have been made to a destination, the **Destination data** menu is closed automatically and the changed **Tour plan** is opened ⇒ Fig. 71.

- To close the **Tour plan** menu, press the function button.

Note

If a saved tour is changed or saved under another tour name, this overwrites the old tour. **No** copy of the tour is created.

Storing and opening tours

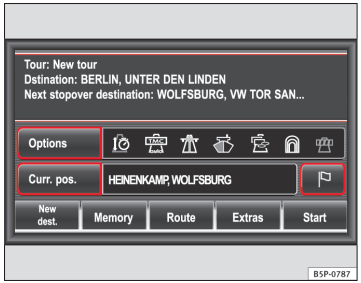

Fig. 72 Navigation main menu: tour mode

A newly created tour is always displayed with the name **“New tour”** ⇒ Fig. 72. The tour needs to be saved in the tour memory otherwise it will be overwritten during editing or deleted when the tour mode is ended.

Storing a displayed tour

- In tour mode, press the Memory function button ⇒ Fig. 72.
- In the pop-up window, press the Save tour function button.
- Enter a name for the tour you wish to save in an input window.

Only **one** tour can ever be saved under **one** name in the tour memory. Therefore, you should use a “different” name when saving.

- Pressing OK to confirm the displayed name in the input window means that the tour is saved under this name.

If a tour with this name is already saved in the tour memory, then you will have to assign a different name.

The saved tour can be edited in the **Tour plan** menu ⇒ page 81.

A **maximum of 10 tours** can be saved in the destination memory.

Calling up a saved tour

- In tour mode, press the Memory function button ⇒ Fig. 72.
- In the pop-up window, press the Load tour function button.

The list of saved tours opens.

- Press the name of a tour to display it in the *Navigation* main menu.
- **OR:** Press the function button to display the tour in the detailed view.

Managing saved tours

- In tour mode, press the Memory function button ⇒ Fig. 72.
- In the pop-up window, press the Edit tour memory function button.

The tour memory displays how many tours have already been saved.

- To delete all saved tours, press the Delete all tours function button.
- **OR:** Press the Delete/rename tours function button to display all tours in a list.
- Press the function button following an entry to display further editing options.

Function button: effect
Tour details: displays the tour in the detailed view.
Delete: deletes the tour from the tour memory.
Rename: changes the tour name in an input window.

Waypoint mode (waypoint navigation)

Introduction

Waypoint navigation mode is a purely off-road function as a means of orientation when driving in “non-digitised areas” at low speeds.

Non-digitised areas are areas that do not have any street or off-road information. Natural barriers such as mountains and rivers are also not detected, even if some of them may be displayed on the map.

A **waypoint tour** consists of a chain of stored “waypoints”.

A **waypoint** is a geo-position determined by GPS which is stored in the unit with time and date. Waypoints can be set automatically or manually.

Waypoint navigation mode is **not** suitable for driving on normal roads. One-way streets, motorway exits and entrances and the like are not detected.

Route guidance in waypoint navigation mode

Only optical turn offs displaying no more than an approximate direction are shown as navigation recommendations. Turn offs are given at a very late stage. For this reason, only use waypoint navigation when driving at low speeds.

The vehicle position indicator is generally displayed in red. The vehicle position indicator is displayed in grey if the GPS reception breaks off. Waypoints can only still be determined using the vehicle's sensors. Inaccuracies can arise if this status continues for a long period (e.g. due to spinning wheels).

Additional information and warnings:

- Safety notes ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Introduction to navigation ⇒ page 58
- Entering a destination ⇒ page 62

Waypoint navigation menu

Fig. 73 Navigation main menu: starting waypoint navigation

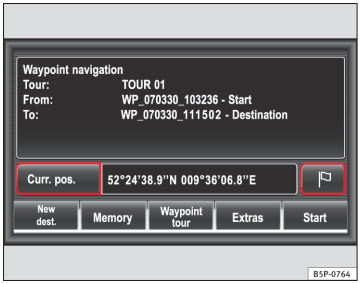

Fig. 74 Waypoint navigation menu with stored waypoint tour

Starting waypoint navigation mode

- In the *Navigation* main menu, press the Extras function button.
- In the pop-up window, press the Waypoint nav. function button ⇒ Fig. 73.

The *Navigation* main menu is opened in waypoint navigation mode as the **Waypoint navigation** menu ⇒ Fig. 74.

Stopping waypoint navigation mode

- In the **Waypoint navigation** menu, press the Extras function button followed by the Leave waypoint mode function button.
- **OR:** Press the New destin. function button to enter an on-road destination (menu: **New destination** ⇒ page 62).

The displayed waypoint tour is automatically saved when you exit, and the normal *Navigation* main menu is displayed ⇒ page 60.

Waypoint navigation mode is stopped automatically if the end point is reached during the course of a waypoint tour.

The Waypoint navigation menu

A waypoint tour that is already stored is displayed in the top third of the screen ⇒ Fig. 74.

- Press the display box to display the waypoint tour in the **tour plan**.
- **OR:** Press the Waypoint tour function button followed by the Edit waypoint tour function button.

The tour can be edited further in the **tour plan** ⇒ page 86.

- In the **Waypoint navigation** menu, press the Start function button ⇒ Fig. 74 to start off-road route guidance ⇒ page 87.

The function buttons for starting, loading or editing a waypoint tour are not available if no waypoint tour has been stored yet.

Function buttons in the Waypoint navigation menu

Function button: effect
Memory ⇒ page 86
Load waypoint tour: opens a list for selecting a stored waypoint tour.
Manage waypoint tour: opens a menu for editing or deleting stored waypoint tours.
Waypoint tour
Record waypoint tour: starts plotting a waypoint tour ⇒ page 84.
Edit waypoint tour: opens the displayed waypoint tour in the **tour plan** ⇒ page 86.

Starting plotting

- In the **Waypoint navigation** menu, press the Waypoint tour function button.
- In the pop-up window, press the Record waypoint tour function button.

If a waypoint tour is already displayed in the **Waypoint navigation** menu then you must make another selection.

- Press the Extend tour function button to continue plotting a waypoint tour. If there are several saved waypoint tours, then you must select one waypoint tour.
- **OR:** press the New tour function button to plot a new tour.

To plot a new tour, you first need to enter a name for the tour in an input window.

The **Recording mode** menu is then opened.

- Press the Automatic function button to have waypoints set automatically by the system during plotting.
- **OR:** press the Manual function button if you only want to set waypoints manually whilst plotting.

The plotting mode can also be changed during plotting ⇒ page 85.

Plotting recommendation

We recommend having waypoints set automatically by the system, because the system sets the waypoints in the best way for driving from waypoint to waypoint later on.

During automatic plotting, the system registers each direction change using sensors in the vehicle and sets a waypoint before and after the turning point.

On long straight sections, a waypoint is set automatically every few kilometres.

If you set waypoints manually, you should set one waypoint at the entry to a bend and another at the exit from a bend. When driving the waypoint tour, the complete direction change is displayed shortly before the turning point is reached.

During plotting

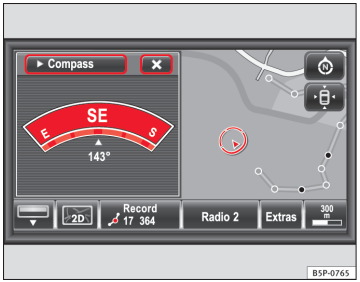

Fig. 75 Plotting in the map display with an additional window in the compass view

After the plotting begins, the number of used and available waypoints and the set plotting mode are displayed in the **Waypoint navigation** menu.

The plotting can also be continued in the map display ⇒ Fig. 75.

- Press the MAP unit button ⇒ Fig. 1 (2) to change to the map view during plotting ⇒ page 99.
- Press the NAV unit button to change back to the **Waypoint navigation** menu.

Additional manual waypoints can also be set in an automatic plotting.

- In the **Waypoint navigation** menu, press the Save current position as waypoint function button to set manual waypoints.
- **OR:** in the map view, press the Record function button and press the Save current position as waypoint function button in the pop-up window.

Each waypoint is named according to its recording time (year/month/day and hours/minutes/seconds). Waypoints can be renamed subsequently. Later on, the start and end points should be named so that the selected driving direction is always clearly apparent ⇒ page 86.

After plotting, the stored tour is displayed in the **Waypoint navigation** menu.

Changing plotting mode

A maximum of 500 waypoints can be stored.

On long straights or if there are a lot of bends in the road, the system automatically sets waypoints that may possibly not be necessary. In that case, it may be sensible to switch off automatic plotting temporarily.

- In the **Waypoint navigation** menu, press the Extras function button.
- **OR:** press the Record function button in the map view ⇒ Fig. 75.
- In the pop-up window, deactivate the checkbox in the ☑ Automatic recording function button by pressing it.

Ending plotting

- In the **Waypoint navigation** menu, press the Stop recording function button.
- **OR:** in the map view, press the Record function button and press the Stop function button in the pop-up window.

Managing stored waypoint tours

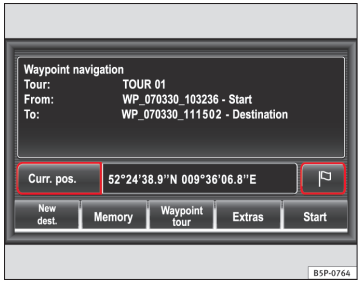

Fig. 76 Waypoint navigation menu with stored waypoint tour

Opening a waypoint tour

- In the **Waypoint navigation** menu, press the Memory function button.
- In the pop-up window, press the Load waypoint tour function button.
- Press the required waypoint tour.

The waypoint tour is displayed in the **Waypoint navigation** menu.

Editing a waypoint tour

- In the **Waypoint navigation** menu, press the Memory function button.
- In the pop-up window, press the Edit waypoint tour memory function button.
- In the **Waypoint tour memory** menu, press the Edit waypoint tour(s) function button.
- Press the waypoint tour to display additional information.
- **OR:** press the function button to rename or delete the tour.

Editing the tour plan

The tour displayed in the **Waypoint navigation** menu can be opened for editing in the **Tour plan** ⇒ Fig. 76.

- Press the display window of the waypoint tour.

In the tour plan, it is possible to rename, move or delete waypoints.

- Press the function button to the right of the display of a waypoint in order to open a pop-up window for editing.

Function button: effect
Show on map: displays the waypoint in the map view.
Delete: deletes the waypoint, following confirmation.
Move: makes it possible to move the waypoint in the waypoint tour.
Add: opens the menu for adding the current position or a point on the map as a new waypoint.
Rename: rename the waypoint in an input window.

Driving a stored waypoint tour

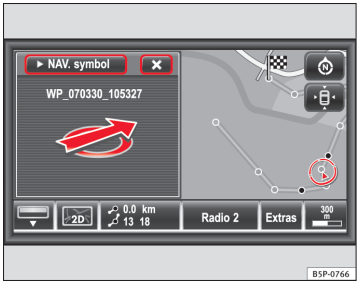

Fig. 77 Driving a waypoint tour in the map display with additional window

Starting route guidance

Before you start a waypoint tour, drive to the immediate vicinity of the required starting point.

- Select a waypoint tour ⇒page 86.
- In the **Waypoint navigation** menu, press the Start function button.

The unit switches to the map view ⇒page 99.

In the following menu, it is necessary to select from which waypoint the waypoint tour should be started. “Starting” off in a stored route is not detected by the system automatically.

Function button: effect
Turn around waypt. tour: reverses the sequence of the displayed waypoints.
Select waypoint: selects the waypoint for “starting” the waypoint tour.
From the closest: waypoint tour starts from the nearest waypoint as the crow flies.
From the first: starts waypoint tour from the first waypoint.

Using the system when driving

Off-road characteristics are disregarded during the drive to the first waypoint and during further route guidance.

An acoustic signal sounds when the starting point has been reached to indicate that the “stopover destination” has been reached.

Always drive to the waypoints of the tour in the stored sequence. If a waypoint cannot be reached, it must be skipped.

- In the map display, press the ... km / ... function button.
- **OR:** Press the NAV unit button to open the **Waypoint navigation** menu.

Function button: effect
To next: skips a waypoint.
To previous: returns to the last waypoint.
Reverse waypoint tour: changes the direction of travel.

During a waypoint tour, it is possible to set additional waypoints, for example to store landmarks.

- In the map view⇒Fig. 77, press the ... km / ... function button and, in the pop-up window, press the Add current position as waypoint function button.
- **OR:** in the **Waypoint navigation** menu ⇒Fig. 76, press the Waypoint tour function button and, in the pop-up window, press the Add current position as waypoint function button.

When manual waypoints are set via the **Waypoint navigation** menu, they can be named directly in an input window.

Navigation recommendations during a waypoint tour

If a waypoint tour has already been driven, an acoustic signal is only given at the start and end points. A brief signal sounds when a manually set waypoint has been reached.

Navigation recommendations are shown as direction arrows in the instrument cluster display and can displayed in the additional window on the ▶

map display ⇒ Fig. 77. The direction arrows show the approximate direction to the next waypoint “as the crow flies”. The connection between two points is shown as a straight line. Curves are not shown.

In the map view, automatically set waypoints are *grey*, manually set ones are *black* and the start and end points 🏁 are *blue*.

Stopping route guidance

- In the map display, press the … km / … function button and, in the pop-up window, press the Stop route guidance function button.
- **OR:** in the **Waypoint navigation** menu, press the Stop function button.

Note

Follow turn offs as far as possible, and do not drive too fast! The navigation recommendation for the subsequent waypoint is given 50 metres before the waypoint is reached.

Route guidance

Introduction

When route guidance is started, the route is calculated in accordance with the selected route options.

The unit switches to the map view. The map view is shown in the most recently selected display type. You are guided to your chosen destination by announcements and visual recommendations. Navigation announcements are played at the preset volume.

All of the unit's audio sources are available during route guidance.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Introduction to navigation ⇒ page 58
- Entering a destination ⇒ page 62
- Tour mode ⇒ page 78

WARNING

Driving recommendations and traffic symbols displayed by the navigation system may differ from the current traffic situation.

- **Traffic signs and traffic regulations have priority over the recommendations and displays provided by the navigation system.**
- **Adapt your speed and driving style to suit visibility, weather, road and traffic conditions.**

Route options

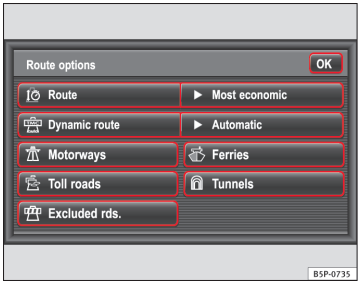

Fig. 78 Route options settings menu

It is possible to exclude certain types of route and define route criteria for the calculation of the route. The route options can be changed while route guidance is in progress. The route will then be recalculated.

- In the *Navigation* main menu, press the Options function button.
- **OR:** In the map view, press the function button Navigation or ⊕... / ⊙...[1] and, in the pop-up window, press the Route options function button.

The changes in the **Route options** menu must be confirmed using the OK function button, otherwise they will not be accepted.

Route: defining route options

- In the **Route options** menu, press the Route function button.
- A pop-up window opens in which you can select the desired setting by pressing the appropriate item.

[1] During route guidance ⇒ Fig. 79.

The individual route criteria have their own specific colours. The calculated route is shown on the map during route guidance in accordance with the selected criteria ⇒ page 91.

Route criteria: meaning
Fast: fastest route to the destination, even if this requires detours (route colour: red).
Short: shortest route to the destination, even if it results in a longer travelling time. The navigation route may include unusual route sections, e.g. dirt roads (route colour: orange).
Most economic or Mixed: calculates a mix between shortest route and shortest time (route colour: blue).

In the **Setup Navigation** menu, you can set the navigation system to display 3 alternative routes for selection on an overview map following each route calculation ⇒ page 123. These 3 routes correspond to the available route options *Fast*, *Short* and *Most economic* ⇒ page 91.

Dynamic route

With this option, traffic reports can be taken into account in the route calculation ⇒ page 94.

Excluding or allowing types of route for the calculation

The Motorways, Ferries, Toll roads or Tunnels function buttons are activated or deactivated by pressing. This makes it possible to define whether these types of route should be allowed for the route calculation or not.

If Excluded rds. is active, then all manually set and stored exclusions will be applied in the route calculation ⇒ page 97.

Even when excluded, these types of route will still be included in the route calculation if no practical alternative route exists. For instance, if an island cannot be reached without using a ferry. For the calculation of very long routes, it is **not** possible to avoid motorways.

After starting route guidance

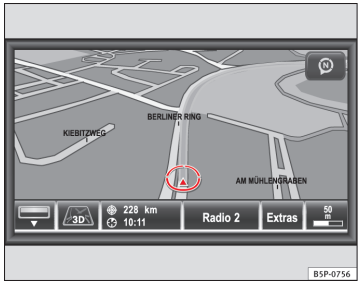

Fig. 79 Map display (3D) during route guidance

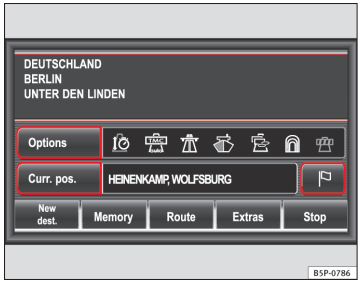

Fig. 80 Navigation main menu during route guidance

When route guidance is started, the route to the first destination will be calculated in accordance with the parameters in the **Route options** menu ⇒ page 89.

The unit switches to the map display ⇒ Fig. 79.

- Press the NAV unit button to return to the *navigation* main menu.
- Press the MAP unit button to change back to the map view.

The map is displayed in the most recently selected display type (**2D**, **3D**, **Topographic**, etc.). **3D** and "Autozoom" are activated by default. Other settings for the map view ⇒ page 99.

Select calculated route (alternative routes)

Depending on the setting, 3 **alternative routes** may be suggested following the start of route guidance (**Setup Navigation** ⇒ page 123).

The suggested routes correspond to the route criteria available in the **Route options** menu, namely *Fast*, *Short* and *Most economic* route, and are displayed in their defined colours on the overview map ⇒ page 89.

- Select the required route by pressing on the right of the map.

The setting for the route criteria in the **Route options** menu is changed accordingly.

If no route is selected, then route guidance starts automatically after about one minute using the setting selected in the **Route options**.

Stopping route guidance

Active route guidance can be stopped and later resumed from the new vehicle position at any time.

- In the map display, press the ... / ... function button ⇒ Fig. 79.
- In the pop-up window, press the Stop route guidance function button.
- **OR:** In the *Navigation* main menu, press the Stop function button ⇒ Fig. 80.

Resume route guidance to the last destination

- In the map view, press the Navigation function button and, in the pop-up window, press the Start route guidance function button.
- The last destination is displayed in the *Navigation* main menu. Pressing the Start function button continues route guidance.

Route guidance does not start

If the distance as the crow flies between the starting location and destination is more than 2,500 kilometres and Suggest 3 alternative routes is enabled in the **Setup Navigation** menu, route guidance cannot be started.

- Press Suggest 3 alternative routes in the **Setup Navigation** menu to disable it ⇒ page 123 and restart route guidance.

Provision of navigation recommendations

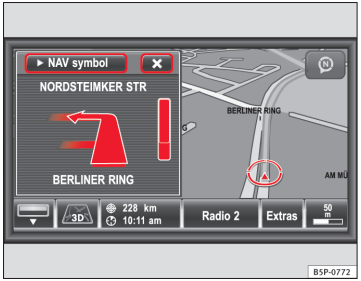

Fig. 81 Visual navigation recommendation (3D) in the additional window of the map display

Navigation recommendations are given in the form of navigation announcements and displays on the screen of the radio-navigation unit, as well as on the instrument cluster display.

Displays in the map view (visual navigation recommendations)

The symbol indicates the vehicle position and direction of travel.

During route guidance the navigation route is shown as a coloured line. The colour of the line corresponds to the route criteria selected in the **Route options** menu ⇒ page 89.

Reported traffic congestion on the calculated route and manually entered exclusions are also displayed.

- In the map view, press the MAP unit button to show or hide the *additional window* in the map view ⇒ Fig. 81.
- **OR:** In the map view, press the Extras function button and activate the ☑ Split-screen in the pop-up window.

Direction of travel arrows can be displayed in the *additional window* during route guidance ⇒ page 99. Two-dimensional or three-dimensional direction arrows are displayed depending on the settings in **Setup Map** ⇒ page 123.

The bar on the right in the additional window shows the distance from the next turning point graphically. The street/road that you are currently driving on is shown at the bottom, while the street/road you are going to turn into is displayed at the top.

For more information about the map display and further available options in the *additional window*, see ⇒ page 99.

Navigation announcements (spoken navigation recommendations)

Once the route has been calculated, the system gives the first navigation announcement. Up to 3 navigation announcements are given before a turn, e.g. “Prepare to turn left”, “Turn left in 300 metres” and “Now turn left”.

- Press the setting knob ⇒ Fig. 1 (8) to repeat the last navigation announcement.

The distances that are announced depend on the type of road and your speed. For instance, navigation announcements are given much earlier on motorways than on urban roads.

Appropriate navigation announcements are also given on multi-lane roads, branching roads and at roundabouts, e.g. “Take the second exit from the roundabout”.

A navigation announcement informs you when you have reached your “destination”.

A navigation announcement informing you that you have reached the “destination area” is given if the exact destination cannot be reached because it is located in a non-digitised area.

During **dynamic route guidance**, you receive information about reported traffic congestion on the route. An additional navigation announcement is given if the route is recalculated due to traffic congestion ⇒ page 94. A similar navigation announcement is given if route sections are manually excluded.

Settings for spoken navigation recommendations

During a navigation announcement, you can change its volume using the volume control ⏀ up to a defined minimum or maximum volume. All following announcements will then be made at this volume.

The volume of acoustic navigation recommendations can be preset or switched off in the volume settings ⇒ page 121.

Navigation announcements can be switched off or on in the **Setup Navigation** menu.

In the **Setup Navigation** menu, it is possible in some units to select the setting Nav. announcements Dynamic for frequently driven routes ⇒ page 123. Navigation announcements are then only given if you leave the calculated route, e.g. in response to traffic congestion warnings.

Note

If you miss a turning during route guidance and are currently unable to turn back, keep on driving until the navigation system offers a new route.

Note

The quality of the navigation recommendations given by the unit depends on the navigation data available and any reported traffic problems.

Route guidance in tour mode (tour plan)

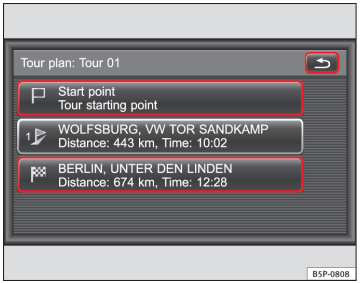

Fig. 82 Tour plan menu: during route guidance.

During route guidance, if the selected route has multiple destinations, the unit is in tour mode ⇒ page 78.

When you reach one of the stopover destinations, route guidance to the next destination starts automatically.

If a “soft” stopover destination type was selected for a certain stopover destination (display:), no message is given when this stopover destination is reached.

If a stopover destination that should be reached exactly cannot be reached exactly, this destination may have to be deleted from the **Tour plan** menu before route guidance is continued to the next destination. This can happen if the stopover destination is located in a non-digitised area, for example.

Display information on stopover destinations

You can set the map view to display the estimated distance and the travelling time or estimated time of arrival at the final destination or next stopover in the [⊕... / ⊙...] ⇒ Fig. 81 function button (**Setup Map** ⇒ page 123).

To display the estimated distances and the travelling times or estimated times of arrival for all destinations in the tour, the **Tour plan** menu must be opened.

- In the map view, press the [⊕... / ⊙...] function button and, in the pop-up window, press the [Tour plan] function button.
- **OR:** In the *navigation* main menu, press the display field for the tour.

Delete stopover destinations

- In the **Tour plan** menu, press the destination you wish to delete ⇒ Fig. 82.
- In the **Destination data** menu, press the [🗑] function button and, in the pop-up window, press the [Delete] function button.

Skipping stopover destinations

- In the **Tour plan** menu ⇒ Fig. 82, press the desired destination.
- In the **Destination data** menu, press the [Start] function button.

Route guidance straight to this destination will start. Any destinations before it will be skipped and displayed as “passed”.

Note

Using the **Tour plan** and **Destination data** menus, you can insert additional stopover destinations and change the order of the destinations and the stopover destination types ⇒ page 78.

Dynamic route guidance with TMC (Traffic Message Channel)

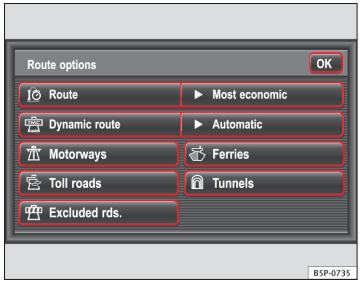

Fig. 83 Route options settings menu

The prerequisite for dynamic route guidance is always the reception of a TMC traffic news station for the navigation area available in the unit. TMC traffic reports received can be displayed in a list ⇒ page 95.

Reports of traffic congestion received via TMC are displayed by symbols on the map ⇒ page 99.

If dynamic route guidance is activated, reported traffic problems can be taken into account in the route calculation.

Route options for dynamic route guidance

These settings can be changed while route guidance is in progress.

- In the *Navigation* main menu, press the Options function button.
- Press the Dynamic route function button and press an option in the pop-up window to accept it.

Setting: action when receiving a traffic congestion message on the route
▶ Off: no message. Traffic congestion points are only shown graphically on the map.
▶ Manually: a pop-up window is opened for selection.
Current route: no recalculation. Traffic congestion is driven through.
Detour route: an alternative route around the signalled traffic congestion is calculated.
▶ Automatic: the route is automatically recalculated if the navigation system has calculated that it will save time.

- In the Route options menu, press the OK function button ⇒ Fig. 83.

An announcement is given when the route is recalculated. The same announcement is given if traffic congestion that was present when the route was originally calculated is now no longer reported.

In the ▶ Manual and ▶ Automatic settings, an acoustic signal is always given shortly before a reported traffic congestion.

Note

Avoiding a traffic jam as a result of reported traffic congestion may not necessarily save time if, for instance, there is also heavy traffic on the alternative route.

Note

The quality of dynamic route guidance depends on the stored navigation data and the broadcast traffic reports ⇒ page 95.

Note

The route can also be excluded manually ⇒ page 96.

Display TMC traffic reports (TRAFFIC)

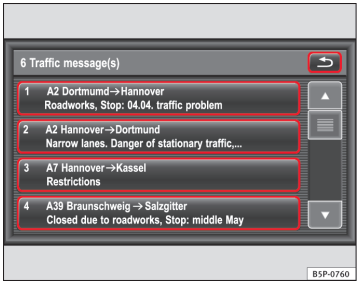

Fig. 84 List of TMC traffic reports received

Fig. 85 Detailed view of a received TMC traffic report

The unit constantly receives TMC traffic reports in the background, provided a TMC traffic news station can be received at the current location. The station listened to does not have to be the TMC traffic news station.

TMC traffic reports are displayed on the map ⇒page 99 and are required for dynamic route guidance ⇒page 94.

The **Setup Radio** menu displays which TMC station is currently providing TMC traffic reports that are being evaluated and displayed, and the TMC station can be changed in that menu ⇒page 123.

Displaying TMC traffic reports

- Press the TRAFFIC unit button to display the list of the current TMC traffic reports ⇒Fig. 84.
- Press one of the TMC traffic reports on the screen to open the detailed view ⇒Fig. 85.
- Press the arrow buttons in the detailed view in order to scroll through the TMC traffic reports.

TMC traffic reports within a radius of 100 kilometres from the current vehicle position are displayed.

Depending on the settings in the **Traffic information settings** menu ⇒page 123, only TMC traffic reports affecting the calculated route are displayed during route guidance.

Note

The radio-navigation system can only process and store TMC traffic reports if the unit has access to navigation data for the area you are currently travelling through.

Note

The radio stations broadcasting the traffic information are responsible for the quality and content of the TMC traffic reports. ■

Showing route list or manoeuvre list

The route and manoeuvre lists can be displayed only during route guidance.

- In the *Navigation* main menu, press the Route function button.
- In the pop-up window, press the Route list or Manoeuvre list function button to open the route or manoeuvre list.

In the **route list** the street names or street designations of the route sections to be driven are displayed in a list.

In the **Manoeuvre list** the turning points yet to be driven are displayed in a list with travel direction arrows. Street names or street designation refers to streets where turns are made. The manoeuvre list can also be displayed in the *additional window* of the map display ⇒ page 99. Stopovers and the destination are displayed by means of a circle ⊙ in the manoeuvre list.

Note

It takes a few seconds after route guidance has started for the route list and manoeuvre list to be calculated so they can be displayed.

Manual exclusion: temporarily excluding a stretch of road ahead

During route guidance, the stretch of the road ahead can be excluded manually. The route exclusion is revoked when route guidance is stopped.

Excluding a stretch of road temporarily

- In the map view, press the ⊕... / ⏲... function button ⇒ Fig. 81.
- **OR:** In the *Navigation* main menu, press the Route function button.
- In the pop-up window which opens, press the function button Congestion ahead.

The **Enter length of traffic jam** menu opens.

In an overview map, the calculated route is displayed as a blue line and the current vehicle position as ◎ and the destination 🏁.

- Turn the setting knob ⇒ Fig. 1 (8) anticlockwise to move a flag symbol starting from the destination towards the current vehicle position along the calculated route.
- **OR:** In the map display, press the point on the calculated route up to which the route should be excluded.

The length of the currently entered exclusion starting at the vehicle position is displayed at the bottom of the screen.

- After you have entered the exclusion, press the setting knob or press the OK function button.

The route is recalculated if a sensible alternative route can be calculated given the entered exclusion. Otherwise, only an acoustic signal is given.

In the map, the manually excluded stretch of road is shown by a red dotted line.

Revoking a route exclusion manually

- In the *Navigation* main menu, press the Route function button.
- Press the Manage exclusions function button.
- Press the Delete temporary exclusion function button.
- If several exclusions have been entered, a list of the temporarily excluded stretches of road is opened, and the exclusion to be deleted must be selected there by pressing it.

The route is recalculated if a route that saves time can be calculated after removal of the exclusion.

Manual exclusion: entering, adding and deleting route exclusions

Route exclusions can be entered manually during route guidance.

Excluded stretches of road are permanently stored and **must be deleted manually** if they are to be allowed again for subsequent route guidance.

Entering route exclusions

- In the *Navigation* main menu, press the Route function button.
- In the pop-up window, press the Manage exclusions function button.
- In the **Permanent exclusions** menu, press the Add excluded stretch of road function button and confirm with Next.

The **Select start of hold-up** menu is opened in the map display.

In the overview map, the calculated route is displayed as a blue line, the current vehicle position as , and the destination as .

- Press the point on the calculated route from which to start the route exclusion.
- **OR:** Press the function button at the top right of the map and press in the street lists to define the start of the route exclusion.
- The starting point of the route exclusion is displayed by a white flag. Press the OK function button.
- Press the Next function button.
- The end point of the route exclusion must also be defined by pressing the route or selecting from the street list.

The start and end points of the route exclusion are now shown by two flags in the overview map.

- Press the OK function button to enter a name for the route exclusion in an input window.

The route is recalculated if a sensible alternative route can be calculated given the entered exclusion. Otherwise, only an acoustic signal is given.

In the map, the manually excluded stretch of road is shown by a red dotted line.

- In the **Permanent exclusions** menu, press the function button to close the menu

Deleting stored route exclusions

A stored route exclusion remains active even after route guidance.

In the **Route options**, it is possible to define whether manually excluded stretches of road should be included in route guidance or not ⇒ page 89.

A route exclusion should be deleted if it is no longer required.

- In the *Navigation* main menu, press the Route function button.
- In the pop-up window, press the Manage exclusions function button.
- Press the Delete stored stretch of road / area to be avoided function button.

The list of stored route exclusions is open.

- Press the function button on the right of an entry to display the excluded stretch of road on the map.
- Press the entry directly and confirm the subsequent question by pressing the Delete function button in order to permanently delete the route exclusion.

During route guidance, the route is recalculated if the removal of the exclusion makes it possible to calculate a route that will save time.

Note

A stored exclusion must be deleted manually if this stretch of road should be included in the calculation again.

Route guidance in demo mode

If demo mode is activated in the **Setup Navigation** menu ⇒ page 123, an additional pop-up window opens when you start route guidance.

- Pressing the Demo mode function button starts a “virtual route guidance” to the destination you have entered.
- If you press the Normal mode function button, a “real route guidance” starts.

The sequence of events and the operations in virtual route guidance are similar to those in real route guidance.

Virtual route guidance is repeated when you reach the fictitious destination and always starts again from the starting point if it is interrupted.

If the starting point for demo mode has been defined manually in the **Setup Navigation** menu, virtual route guidance will start from the position set.

If the vehicle is moved and the unit can determine its current location by GPS, any manually entered starting point will be overwritten with the current vehicle location.

When real route guidance is started following virtual route guidance in demo mode, the unit first has to reorient itself. This process may take some time, depending on the number of satellites the unit can currently receive. Moving the vehicle may speed up the reorientation process.

Note

Disable demo mode after use, otherwise you will be prompted to choose between virtual and normal route guidance each time you start route guidance.

Map view (MAP)

Introduction

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Introduction to navigation ⇒ page 58
- Route guidance ⇒ page 89

Overview

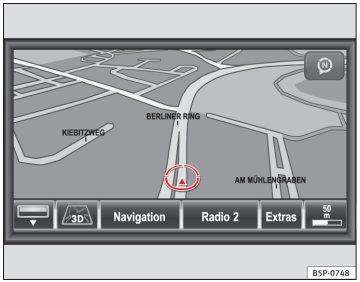

Fig. 86 3D map display with vehicle position

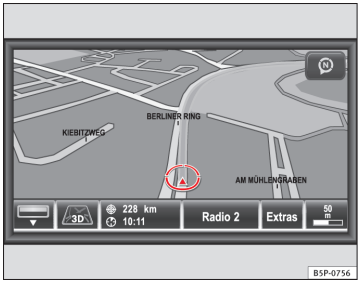

Fig. 87 3D map display during route guidance

- Press the MAP unit button to change over to the map view manually.

The system automatically switches over to the map display when route guidance is started.

The map display is shown with the most recently selected display type ⇒ page 101. The currently selected display type is displayed in the second function button ⇒ page 101.

The red symbol indicates the vehicle position and direction of travel.

If the vehicle position symbol turns grey and the map view “freezes”, it is currently not possible to determine the vehicle's position, e.g. in a multi-story car park.

- Press the function button to show or hide the function buttons in the bottom line of the screen.
- Press the MAP unit button to show or hide the *additional window*.

Further displays can be selected for the *additional window* ⇒ page 103.

During route guidance

During route guidance the navigation route is shown as a coloured line ⇒ Fig. 87. The colour of the line corresponds to the route criteria selected in the **Route options** menu ⇒ page 89.

The ⊕... / ⊙... function button ⇒ Fig. 86 is displayed instead of the Navigation function button ⇒ Fig. 87.

- Navigation function button ⇒ page 102.
- Function button ⊕... / ⊙... ⇒ page 102.

Further displays can be selected for the *additional window* to help route guidance ⇒ page 103.

Controlling the media source

The currently selected media source is displayed in the fourth function button, e.g. the current radio station ⇒ Fig. 86.

- Press the function button briefly to open a pop-up window with settings for the current audio source.

In all radio modes: station buttons of *RADIO* main menu ⇒ page 17.

In media mode: track name and function buttons for controlling the current media source ⇒ page 33.

Additional functions for the map view

- In the map view, press the Extras function button to open a pop-up window for further settings and displays.

Function button: effect
Destination view: current destination 🏁 is displayed.
Additional window: shows or hides the *additional window*.
Day/night: Changes between day and night design of map view.
POI selection: opens the menu for selection of point of interest categories to be displayed as symbols on the map ⇒ page 104. **Points of interest** displayed on the map can be selected for route guidance ⇒ page 62.
☑ Lane recommendation: during route guidance, when driving and turning on multilane roads, an additional display is shown with lane recommendations.
Switch off display: switch the display off. Press the display to switch it back on.

Changing the scale and view

- Turn the setting knob ⇒ Fig. 1 (8) to change the map scale.

Additional function buttons can be shown to change the map section and the map scale.

- Press the function button at the bottom right showing the currently selected map scale in order to show additional function buttons.

The function buttons are hidden after five seconds of inactivity.

- Press the + or - function button or move the slider in the scale to change the map scale permanently.
- **OR:** Press the function button to “zoom” the map display briefly into the map overview. After a few seconds, it returns automatically to the last selected scale.

Display of start and end points on the map

- Press the function button to display the start and end points in an overview map.
- Press the function button at the top right to centre the map on the current vehicle position again ⇒ page 101.

Autozoom

If Autozoom is active, the map scale is adjusted automatically, depending on the route (small scale for driving on the motorway and a large scale for driving in town).

- Press the function button to switch autozoom on or off.

When autozoom is activated, the map is automatically centred on the current vehicle position.

Furthermore, is displayed in the function button for showing the selected map scale.

“Autozoom” is switched off if the map scale has been changed manually.

Changing the display type (map type)

The symbol shown in the second function button , or shows the currently selected display type.

- Press the function button and press a map display type to select it.

2D: Two-dimensional, from above (conventional).

3D: Three-dimensional, from the front at an angle (as would be seen approaching from an airplane).

Topographic: Two-dimensional, with colour display of landscape forms (mountains, valleys etc.).

Browsing the map, moving the map section

Fig. 88 3D map display during route guidance (map section moved)

- In order to move the displayed map section, place your finger on the screen and, *without lifting it off*, drag it over the screen.

This function is used for browsing the map and, for example, looking for points of interest in the vicinity of the vehicle position. A point of interest can then be selected from the map as a destination ⇒ page 62.

Centring the map display on the vehicle position

The function button is displayed at the top right if the screen section has been moved ⇒ Fig. 88.

- Press the function button to centre the map on the current vehicle position again.

If autozoom is activated, the map is automatically centred on the current vehicle position ⇒ page 101.

2D: setting the map alignment

- Press the function button at the top right of the map to change the map alignment for the two-dimensional map view (north up or direction of travel) ⇒ Fig. 88.

The three-dimensional map view is always only shown in the direction of travel.

Centring the map display on the destination

- Press the Extras function button.
- In the pop-up window, press the Destination view function button.

The destination currently defined in the *Navigation* main menu is shown on the map.

Functions available without route guidance Navigation

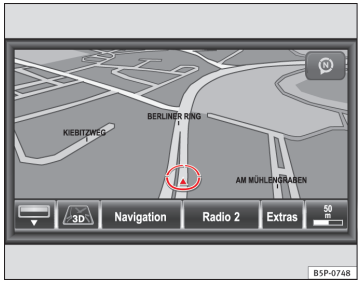

Fig. 89 Map view without current route guidance

- Press the Navigation function button to open a pop-up window.

Function button: effect
Start route guidance: starts route guidance or continues route guidance to the destination selected in the *Navigation* main menu.
Enter new destination: opens the menu for selection of a new destination ⇒ page 62.
Route options: changes the specifications for route calculation ⇒ page 89.
: stores the current vehicle position as a flagged destination in the destination memory. An older flagged destination is overwritten in this case ⇒ page 72.

Functions available during route guidance ... / ...

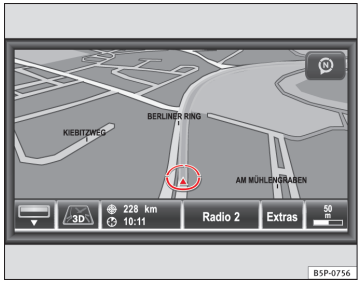

Fig. 90 Map view during route guidance

In the ... / ... function button, the distance to the destination is displayed after the symbol ⇒ Fig. 90.

The estimated travelling time or time of arrival at the destination is displayed next to in accordance with the settings in **Setup Navigation** ⇒ page 123.

During route guidance in tour mode ⇒ page 89, information on the destination or the next stopover can be displayed in the ⊕... / ◷... function button depending on the settings (**Setup Map** ⇒ page 123).

- Press the ⊕... / ◷... function button to open a pop-up window.

Function button: effect
Stop route guidance: stops route guidance at the current position.
New stopover destination: calls up the **New destination** menu to enter a stopover destination that you would like to travel to during the current route guidance ⇒ page 79.
Congestion ahead: to manually enter a route exclusion ⇒ page 96.
Tour plan: opens the **Tour plan** menu with information on distances, estimated travelling times and estimated times of arrival at the stopover destinations and final destination ⇒ page 89.
Route options: changes the specifications for route calculation ⇒ page 89.
Save: stores the current vehicle position as a flagged destination in the destination memory. An older flagged destination is overwritten in this case ⇒ page 75.

Additional window in the map view

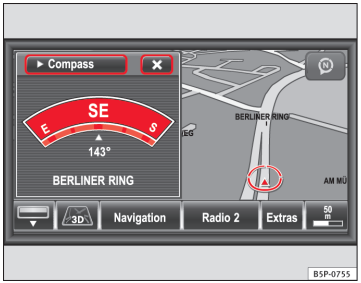

Fig. 91 Map display with additional window in the compass view

Fig. 92 Manoeuvre list in the map display during route guidance

- In the map view, press the MAP unit button to show or hide the *additional window*.
- Press the ▶... function button at the top in the *additional window* to show further display options.
- Select the desired display by pressing.

The position of the *additional window* (right or left) and the display (**2D** or **3D**) of the compass and direction arrows can be defined in the **Setup Map** menu ⇒ page 123.

Display options in the additional window

Function button: display
Compass: compass view with the current direction of travel ⇒ Fig. 91.
Pos. map: additional map with the vehicle position in the split window. To change the map display, press the split window to open the settings menu and make changes.
GPS Viewer: current vehicle position in coordinates and GPS status (satellite reception).

Additional display options during route guidance

Function button: display
Symbol: Travel direction arrows are displayed as navigation recommendations ⇒ page 89.
Manoeuvre list: The manoeuvre list is displayed ⇒ page 89.
Tour plan: Information on the distances and estimated driving or arrival times and on the destination is displayed ⇒ page 89.
Overview: Vehicle position and destination are displayed on an overview map.

Opening symbols on the map

In some menus, you can define symbols for display on the map.

- Point of interest categories ⇒ page 104.
- Favourite destinations ⇒ page 105.

In addition to point of interest destinations and favourite destinations, traffic reports can also be displayed in the map view.

- TMC traffic reports in the map view ⇒ page 105.

Points of interest and favourite destinations can be selected from the map for route guidance ⇒ page 62.

Calling up information on symbols from the map view

If no symbols are displayed due to the map scale, turn the setting knob ⇒ Fig. 1 (8) clockwise in order to zoom in on the map.

- Press the symbol on the map briefly to display a window with further information.

Due to the map scale, there may be several entries behind one symbol on the map, in which case a list appears for selecting an entry.

- Select the required entry by pressing.

Function buttons for further operation are displayed in the information window that appears.

Points of interest and favourite destinations can be selected from the map for route guidance ⇒ page 62.

Symbols on the map: point of interest categories

The points of interest saved in the navigation data memory are divided into different point of interest categories. Each point of interest category is assigned a symbol for display on the map.

You can select which point of interest categories are displayed on the map. ▶

- Press the Extras function button in the map display.
- In the pop-up window, press the POI selection function button.

The **Select point of interest category** menu is opened.

- Press a main category to open a list of available point of interest categories.
- Press the ↩ function button to switch back to the respective parent category.
- Press the checkbox in front of a point of interest category to activate it ☑.

If you have imported your own point of interest database via the **Setup Navigation** menu and the My POIs function button ⇒ page 123, the additional main category Personal POIs will be displayed.

All point of interest categories selected for display in the map are shown in the bottom line of the screen.

- Press the None function button to delete the currently selected point of interest categories in the bottom line of the screen.
- Press the OK function button to confirm the selected point of interest categories for display on the map and to close the menu.

Note

The **Select point of interest category** menu can also be opened from the **Setup Map** menu via the Select map details function button ⇒ page 123. ■

Symbols on the map: favourite destinations

A favourites category can be defined for stored destinations in the **Edit/save entry** menu ⇒ page 72.

The favourite destinations display can be activated or deactivated in the **Setup Map** menu ⇒ page 123.

Favourite destinations are indicated by an orange symbol on the map.

- Infrastructure
- Private
- Restaurant
- Sight-seeing
- Business
- Various
- Relaxation
- Shopping
- Sport ■

Symbols on the map: TMC traffic reports

With dynamic route guidance, reported traffic problems can be taken into account in the route calculation ⇒ page 89.

During route guidance, traffic congestion *on* the calculated route is shown in *red*. The symbol will then be displayed in *grey* if the traffic delay is *outside of* the calculated route.

The direction and length of the traffic congestion is displayed by arrows and a row of car symbols.

The positioning of a TMC symbol indicates the start and the direction of the traffic congestion if both are clearly defined in the TMC traffic message. ▶

- Press the TMC symbol to view additional information about the displayed traffic congestion.
- In the **TMC message** menu, press the Route options function button if necessary, in order to change the route options in response to the traffic congestion ⇒ page 89.

Due to the map scale, one TMC symbol on the map may indicate more than one traffic problem. If this is the case, a list of traffic problems at that location appears when you press the TMC symbol.

- Slow-moving traffic
- Traffic congestion
- Accident
- Black ice
- Risk of skidding
- Danger
- Road works
- Strong wind
- Road blocked
- Traffic congestion (display showing the length of the traffic congestion) ■

Traffic sign recognition (sign assist)

Some vehicles are also equipped with a camera for traffic sign recognition. If traffic sign recognition (sign assist) is installed in the vehicle and activated, the recognised traffic signs and additional information are displayed on the left-hand side in the map view.

If the split screen display is activated in the map view ⇒ page 103, only the road signs that currently apply for the driver can be displayed.

Please read and observe the information and notes on traffic sign recognition (sign assist) in vehicle's owner's manual ⇒ Booklet Owner's manual, chapter Driver assistance systems! ■

Telephone control (PHONE)

Requirements and operation

Introduction

The telephone functions described below can only be selected from the radio-navigation system if the vehicle is equipped with a mobile telephone provision and a mobile telephone is paired and connected with it ⇒ Booklet Mobile telephone provision.

If no mobile telephone is connected, telephone functions cannot be called up using the radio navigation system.

Observe the notes on using a mobile telephone in the vehicle without a connection to the external aerial ⇒ Booklet Owner's manual, chapter Vehicle care and maintenance.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14

WARNING

Accidents and injuries can occur if the driver is distracted.

- **Using the telephone and operating the mobile telephone provision can distract you from the road.**
- **Observe legal requirements.**
- **Always drive carefully and responsibly.**

WARNING (Continued)

- **Select volume settings that allow you to easily hear signals from outside the vehicle at all times, e.g. emergency service sirens.**
- **Your call may be cut off or you may be unable to make calls if you are in an area with no mobile telephone network coverage, an area where the network is very weak or, in some cases, in a tunnel, garage or underpass. This also means that no emergency calls can be made.**
- **In some countries, it is only possible to make an emergency call from the mobile telephone provision if it is connected to a mobile telephone containing an "unlocked" SIM card with sufficient credit.**

WARNING

If a mobile telephone is not secured or is incorrectly secured in the vehicle, it could be flung though the interior during a sudden driving or braking manoeuvre, or in the event of an accident. This could cause injuries.

- **You should never position or attach a mobile telephone on a door, on the windscreen or above or near to the areas marked "AIRBAG" on the steering wheel, the dash panel and the seat backrests, or between these areas and the vehicle occupants. The mobile telephone could cause serious injury in an accident, especially when the airbags inflate.**

WARNING

Always switch off the mobile telephone when filling the tank and in areas with a risk of explosion. Electromagnetic radiation can generate sparks which can in turn start a fire.

- **The mobile telephone can automatically log itself into the mobile telephone network again when the Bluetooth connection to the PREMIUM mobile telephone provision is interrupted.**

WARNING

If a mobile telephone not connected to an external aerial is used in the vehicle, electromagnetic radiation in the interior could exceed limit values. This also applies to external aerials which have not been correctly installed.

- **Maintain a minimum gap of roughly 20 centimetres (8 inches) between the aerials of the mobile telephone and your pacemaker, as mobile telephones may affect the functioning of pacemakers.**
- **Do not carry a mobile telephone in your breast pocket above your pacemaker when the telephone is switched on or in standby mode.**
- **If you suspect interference, switch off the mobile telephone immediately.**

WARNING

An armrest may obstruct the driver's arm movements, which could cause accidents and severe injuries.

- **Always keep the armrest closed while the vehicle is in motion.**

WARNING

The volume level may suddenly change when you switch audio source.

- **Reduce the base volume before switching audio source.**

CAUTION

- Your mobile telephone and the mobile telephone provision must always be switched off in areas where special regulations apply and when the use of mobile telephones is forbidden. The radiation produced by the mobile telephone when switched on may interfere with sensitive technical and medical equipment, possibly resulting in malfunction or damage to the equipment.
- High speeds and poor weather as well as the network quality may impair telephone calls in the vehicle and lead to loss of connection.

Note

To operate the mobile telephone provision, follow the relevant instruction manual supplied for your vehicle.

Note

Follow the instruction manuals provided for the mobile telephone and accessories as well as any rules that apply to the use of headsets.

Note

You may experience poor reception or may be cut off in areas where the signal is weak.

Note

Most electronic devices are shielded against high-frequency signals. In rare cases, however, electronic devices may not be shielded against high-frequency signals emitted by the mobile telephone provision. This could cause interference.

PHONE main menu

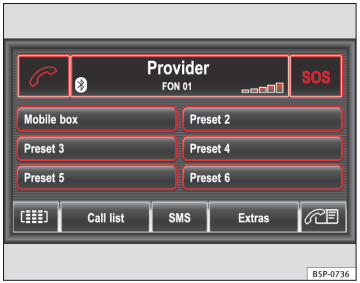

Fig. 93 PHONE main menu

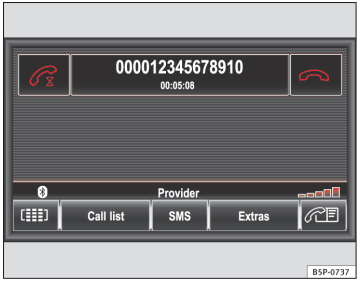

Fig. 94 PHONE main menu: connection established

It takes a few minutes after the first pairing process until the telephone book data of the paired mobile telephone is available on the radio navigation system.

- Press the PHONE ⇒ Fig. 1 (2) unit button to open the *PHONE* main menu ⇒ Fig. 93.

Displays in the PHONE main menu

The name of the mobile telephone network provider where the SIM card of the paired mobile telephone is registered can be displayed in the centre of the top line of the screen. The name of the paired mobile telephone can be displayed in the second line, e.g. **FON 01** ⇒ Fig. 93 [1].

During a call, the telephone number or the name of the person you are talking to is displayed in the upper line if they are stored in the telephone book, along with the call duration ⇒ Fig. 94.

The symbol ᛒ shows an existing Bluetooth® connection.

The current field strength (signal strength of the currently received mobile telephone transmitter station) may be shown by a bar diagram at the top right ⇒ Fig. 93 or bottom right ⇒ Fig. 94 [1].

Function buttons in the PHONE main menu

Function button: effect
: accept, dial, or hold calls.
: end call or reject incoming call.
SOS [a]: after you confirm a prompt, the emergency number is dialled. In some countries and on some mobile telephone networks, it is only possible to make an emergency call from the mobile telephone provision if it is connected to a mobile telephone containing an “unlocked” SIM card with sufficient credit. Network coverage must also be sufficient.

[1] Depending on the mobile telephone, this function may not be available for telephones connected via HFP.

Function button: effect
Mobile box[a] and Preset 2-6: speed dial buttons that can be assigned a telephone number ⇒ page 112.
: opens the numeric pad to enter a telephone number ⇒ page 110.
Calls: opens a pop-up window for selection of a call list for calls missed, dialled or received on the mobile telephone provision ⇒ page 112.
SMS[a]: opens a pop-up window.
Inbox: displays received text messages.
Write: opens an input window for writing a text message ⇒ page 111.
Extras
Microphone off: switches the microphone off during a telephone call, so that the person on the line cannot hear what is being said in the vehicle.
Conference details[a]: opens a list of the parties in a current conference call ⇒ page 117.
Switch off display: switch the display off. Press the screen briefly to switch it back on.
: Opens the telephone book of the paired mobile telephone to select a telephone number ⇒ page 112.

a) Depending on the country and the unit version, this feature may not be displayed and is not supported by all mobile telephone network providers.

Entering a telephone number and answering a call

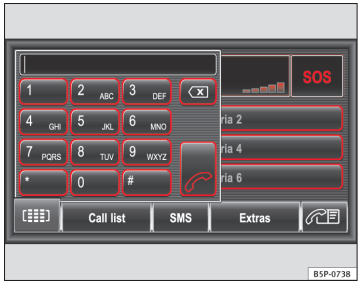

Fig. 95 Entering a telephone number

- In the *PHONE* main menu, press the function button ⇒ Fig. 95.
- Enter a telephone number by pressing the numeric function buttons ⇒ Fig. 95.
- Press the function button to dial the number ⇒ page 117.

The special buttons “Asterisk” * and “Hash” # have the same functions as on a normal telephone.

Entering a country code

To enter a country code, instead of the first two digits (international access code e.g. **“00”**) you can enter the character **“+”**.

- Press and hold the 0 function button until a pop-up window appears with the 0 and + function buttons.
- Accept the + function button by pressing – the pop-up window is closed.

Taking a call

An incoming telephone call is indicated in the top line of the screen by **"Incoming call"** and the caller's telephone number.

If the caller's telephone number is stored in the telephone book, the caller's name is displayed ⇒ page 112.

- Press the function button to answer the call ⇒ page 117.
- Press the function button to reject the call.

Sending and receiving text messages

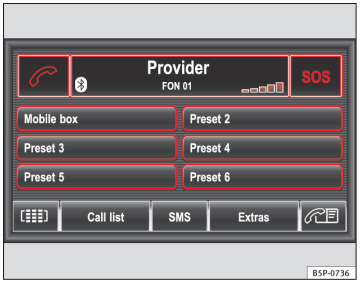

Fig. 96 PHONE main menu

Depending on the installed mobile telephone provision, SMS messages can be received, displayed and sent.

Only the text messages that are received while a mobile telephone is connected to the mobile telephone provision are displayed.

Displaying received text messages

- In the *PHONE* main menu ⇒ Fig. 96, press the SMS function button.
- In the pop-up window, press the In box function button. The text messages in the displayed list are sorted according to "read", "unread" and the time that they were received.
- Press the desired text message to display it.

When a text message is opened, you can perform other functions, e.g. Call the sender of the text message or Forward the text message or Use number that you receive the text message from or that is assigned to the sender, via the Options function button.

Sending a text message

- In the *PHONE* main menu, press the Text msgs. function button ⇒ Fig. 93.
- In the pop-up window, press the Write function button.
- Enter the text message.
- To set the recipient, enter a telephone number or select a recipient from a list, e.g. from the telephone book ⇒ Fig. 97.
- Press the function button to send.

Note

Incoming text messages are **always** transferred to the mobile telephone SIM card while the mobile telephone is connected to the mobile telephone provision. If the mobile telephone has been disconnected from the mobile telephone provision, incoming text messages can only be read if the mobile telephone SIM card is selected as the storage location in the mobile telephone. Follow the operating manual for the mobile telephone.

Stored telephone numbers

Introduction

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Requirements and functional description ⇒ page 107 ■

User profile

Telephone book data ⇒ page 112, call lists ⇒ page 115, and stored speed dial buttons ⇒ page 116 are assigned to a user profile and stored in the mobile telephone provision. They are available when the corresponding SIM card is connected with the mobile telephone provision again.

If telephone book entries on the SIM card or the mobile telephone have been changed, you can start a manual update of the telephone book data ⇒ page 123.

A **maximum of 3 user profiles** can be stored in the mobile telephone provision. If you would like to pair another SIM card, you must first delete an existing user profile ⇒ Booklet Mobile telephone provision. ■

Telephone book

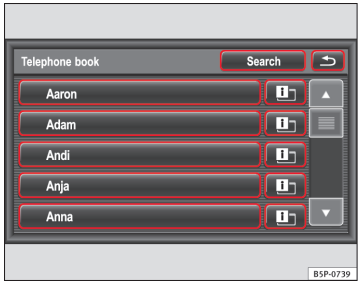

Fig. 97 Telephone book

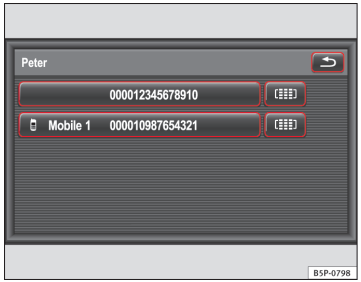

Fig. 98 Displaying a telephone book entry

It takes a few minutes after the first pairing process until the telephone book data from the mobile telephone is available on the radio navigation system.

The telephone book can also be opened during an ongoing telephone call. ▶

Opening and searching the telephone book

- In the *PHONE* main menu, press the function button to open the telephone book ⇒ Fig. 97.
- Search the list view of the telephone book.
- Press the left column of a telephone book entry to dial the **first** telephone number stored in that entry.

Displaying further information about a telephone book entry

- In the **Telephone book** menu, press the function button to the right of a telephone book entry to display **all** telephone numbers stored in that entry ⇒ Fig. 98.
- Press a telephone number to dial it ⇒ page 117.

Displaying and editing a telephone number via an input window

- Press the function button next to a telephone number ⇒ Fig. 98 to display the number in an input window.

The input window allows you to edit the telephone number ⇒ page 114 or play it as a DTMF tone sequence ⇒ page 120. ■

Searching for an entry in the telephone book

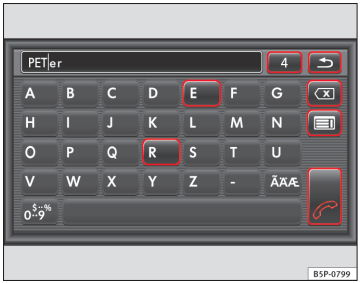

Fig. 99 Input window for selecting a telephone book entry.

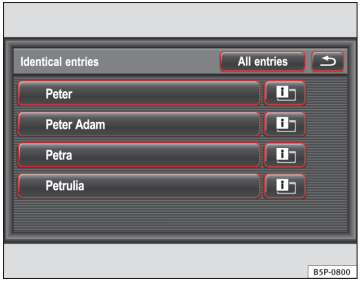

Fig. 100 Search results from the telephone book

- Open the telephone book ⇒ page 112.
- Press the Search function button ⇒ Fig. 97.
- Enter the name you are looking for letter by letter in the input window. ▶

It is only possible to enter sequences of characters that correspond to a stored entry.

Each time you enter a character, the unit automatically suggests a complete name from the telephone book corresponding to the character sequence you have entered ⇒ Fig. 99.

The use of upper and lower case letters makes no difference when searching for a telephone book entry.

- Press the function button to dial the **first** telephone number in the telephone book entry for the name displayed ⇒ page 117.
- **OR:** Press the function button to open the telephone book at the point that matches the text entered so far.
- **OR:** Press the function button to open the **Identical entries** menu showing the search results that are still available ⇒ Fig. 100.

Matching entries menu

Further information can be displayed in the **Identical entries** menu ⇒ Fig. 100 ⇒ page 112.

- Press the All entries function button to switch back to the complete telephone book view.

Displaying and modifying a telephone number

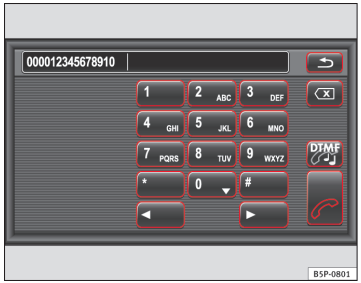

Fig. 101 Modifying a telephone number

A telephone number stored in the telephone book or in a call list can be changed before you dial it.

- Press the function button next to a displayed telephone number to open the input window, e.g. in Fig. 98.
- Press the ◀ or ▶ arrow button to move the cursor in the input line.
- Press digits to enter them in the input line or press the ⌫ function button to delete digits in the input line.
- Press the function button to dial the displayed telephone number ⇒ page 117.
- Press the function button to close the menu. Changes are not stored.

The entries in the telephone book of the mobile telephone **cannot** be changed permanently via the radio-navigation system. A telephone number stored in the telephone book on the mobile telephone can only be modified for calls from the vehicle. You can add a country code, for example ⇒ page 110.

After the telephone number has been dialled, it is then available in the call list of numbers dialled from the vehicle ⇒ page 115.

Playing a DTMF tone sequence ⇒ page 120.

Call lists

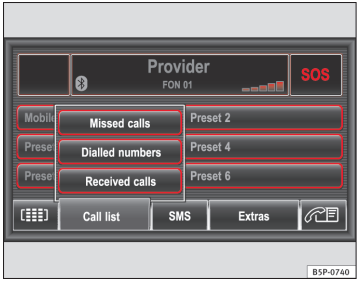

Fig. 102 Selecting a call list in the PHONE main menu

You can only store telephone numbers in the mobile telephone provision from calls that have been missed, dialled or received **in the vehicle** with the mobile telephone provision. Call lists stored on a mobile telephone **cannot** be displayed.

- In the *PHONE* main menu, press the Call list function button.
- Open a call list by pressing it in the pop-up window.

Missed calls: calls not answered on the mobile telephone provision

Dialled numbers: telephone numbers that were dialled on the mobile telephone provision

Received calls: calls answered on the mobile telephone provision

Incoming calls rejected with the function button are stored in the call list of **received** calls.

If a telephone number is stored in the telephone book, the stored name is displayed instead of the telephone number.

- Press a telephone number or a name on the screen to dial it ⇒ page 117.
- Press the function button to display more information for an entry or to modify the telephone number ⇒ page 114.

Call lists are always specific to a user profile ⇒ page 112.

Storing telephone numbers to speed dial buttons

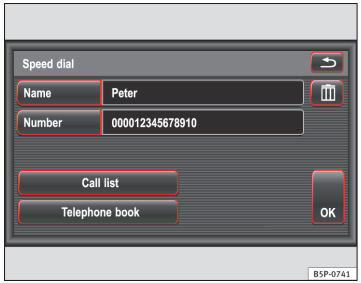

Fig. 103 Speed dial menu for storing telephone numbers to speed dial buttons

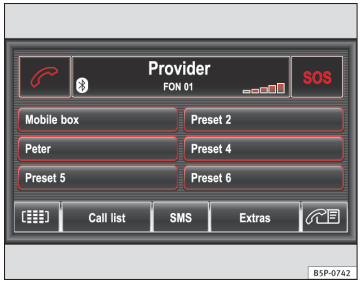

Fig. 104 PHONE main menu with assigned speed dial button

You can assign a telephone number to each of the 5 speed dial buttons Preset 2 to Preset 6.

All speed dial buttons must be assigned manually (including the Mailbox speed dial button if available) and are specific to a user profile ⇒ page 112.

Assigning speed dial buttons

- In the *PHONE* main menu, press a **free** speed dial button to open the **speed dial** menu ⇒ Fig. 103.
- Press the Number function button to enter a telephone number manually ⇒ page 114.
- **OR:** to select the desired telephone number from one of the call lists or the telephone book, press the Call lists or Telephone book function button.
- Having selected a telephone number, press the Name function button to assign a name to the speed dial button via an input window.
- Review all the details entered in the **Speed dial** menu ⇒ Fig. 103.
- Press the OK function button to apply all details entered and close the **speed dial** menu.

In the *PHONE* main menu, the name you have entered is displayed in the speed dial button to which the respective telephone number is assigned ⇒ Fig. 104.

Dialling with speed dial buttons

- In the *PHONE* main menu, *briefly press* an **assigned** speed dial button to dial the telephone number stored to that button ⇒ page 117.

Editing assigned speed dial buttons

- In the *PHONE* main menu, *press and hold* an **assigned** speed dial button until the **speed dial** menu opens.
- **OR:** Open the **Speed dial** menu from the **Setup Telephone** menu ⇒ page 123.
- Press one of the function buttons to edit its entry.
- To delete all details stored to a speed dial button, press the function button and confirm the delete action by pressing the OK function button.
- To close the **speed dial** menu without applying changes, press the function button.

Using the telephone

Introduction

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8
- Voice control ⇒ page 14
- Requirements and functional description ⇒ page 107
- Stored telephone numbers ⇒ page 112

Note

Availability of the “call holding”, “call waiting” and “teleconference” functions depends on the connected mobile telephone and the mobile network provider. ■

During a call

Fig. 105 PHONE main menu: telephone call

When a connection is made to a dialled telephone number, the *PHONE* main menu changes to the *telephone call* view ⇒ Fig. 105.

Additional incoming telephone call

If you receive an additional call while on the telephone, it will be displayed below the first call.

- Press the function button next to the display for the new caller to end the current call and accept the new call.
- Press the function button next to the display for the new caller to reject the new call and continue your current call.

Ending a telephone call

- Press the function button to end the current call.

The *PHONE* main menu is displayed again ⇒ Fig. 104. ■

Holding a call and making an additional call

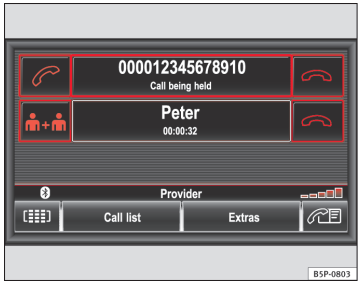

Fig. 106 Telephone call with call on hold

During a telephone call, it is possible to make or take an additional call. The unit allows you to switch between the two parties with whom you are connected (toggling).

Holding a call

- Press the function button to “mute” the current telephone call (display: **Call being held**).
- Press the function button again to resume the call.

While a call is being held, no sound is transmitted. Conversations in the vehicle cannot be heard by the other party.

Making a second call while telephoning

- Put the current call “on hold”.
- Dial another number by entering it or selecting one of the stored telephone numbers as described in the corresponding chapter.

Once the additional call is connected, you can switch between the two calls (toggling).

“Call waiting”: accepting an additional incoming call

- If another party calls while you are already on the telephone, the new caller's telephone number or name appears in the second line of the screen (display: **Waiting**).
- To reject the new call, press the function button in the **Waiting** line.
- **OR:** To take the new call as an additional call, press the function button in the **Waiting** line.

If the call is accepted, the connection to the first telephone call will be placed on “hold” ⇒ Fig. 106. You can “toggle” between the two calls.

When connected via HFP ⇒ Booklet Mobile telephone provision, **not all** mobile telephones allow you to answer a waiting call as an additional call. Pressing the function button **ends** the previous call. In this case, it is also **not** possible to “toggle” between two calls.

“Toggling”: changing between 2 parties

While you have 2 active calls, **Call being held** is shown in the line of the party who is on hold.

- Press the function button in the **Call being held** line to resume this call and put the other call on “hold”.
- **OR:** to end one of the calls, press the function button in the line for that call.

During any call, it is only possible to hold one additional call. Several parties can be brought together in a conference call.

Making a conference call

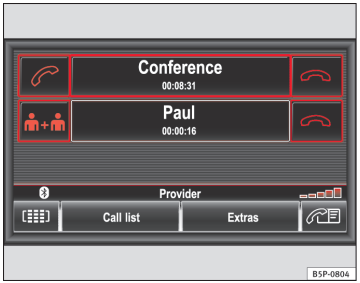

Fig. 107 Adding another party to a conference call

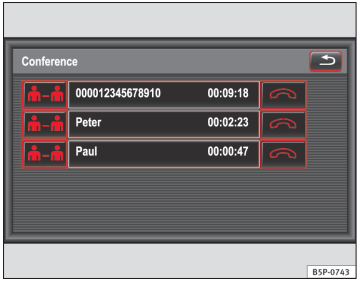

Fig. 108 Detailed view of a conference call

A party who is “on hold” can be brought into the active call to form a conference call [1].

Combining several calls to form a conference call

All parties in a conference call can hear and talk to each other.

- Press the function button beside the currently active call to join the two calls and form a conference call.

On the screen, the two parties are combined into one line labelled **“Conference”**.

- You can now make or take an additional call and add the new party to the existing conference call by pressing the function button.
- **OR:** you can toggle between the new call and the conference call ⇒ page 118.

During a conference call, no more than **one** additional call to a separate party can be maintained ⇒ Fig. 107.

Managing parties in a conference call

- During a conference call, press the Extras function button ⇒ Fig. 107.
- In the pop-up window, press the Conference details function button.

The list of parties in the conference call will be displayed ⇒ Fig. 108.

- To close the connection to one of the parties, press the function button.
- **OR:** Press the function button to “take one of the parties out” of the conference call.

The party will then be connected in a separate call again and the conference call will be placed on “hold” ⇒ Fig. 107. ▶

[1] Depending on the mobile telephone, this function may not be available for telephones connected via HFP.

The ⇒ Fig. 108 [1-2] function button is not displayed if you already have an additional call separate from the conference call.

Not all mobile telephone network providers support the function of the [1-2] button.

DTMF tones

Fig. 109 Entering a DTMF button tone during a call

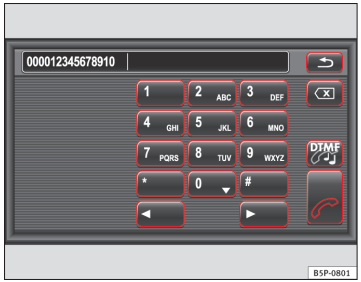

Fig. 110 Enabled DTMF function button in the menu for editing the telephone number

The telephone keypad must be displayed to enter a DTMF tone during a telephone call ⇒ Fig. 109.

- Press the [⌨] function button.
- Enter the required sequence of characters.

Every number on the telephone keypad has a specific button tone assigned to it. DTMF tones are used, for example, to send a password or to select an employee in a call centre.

When the [DTMF] function button is displayed in a menu and is enabled ⇒ Fig. 110, the series of characters displayed can be played as a DTMF tone sequence.

- Press the [DTMF] function button.

Please note that the "+" character in the input line stops the playing of a DTMF tone sequence.

Settings

Sound settings and volume settings (TONE)

Introduction

The range of possible settings depends on the country, the unit and the vehicle's equipment specification.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8 ■

Making the settings

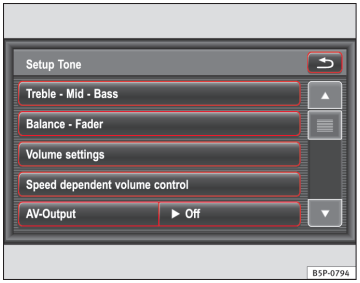

Fig. 111 Main menu: sound settings.

Press the TONE unit button ⇒ Fig. 1 (2) in any menu to open the **Setup Tone** main menu ⇒ Fig. 111.

Infinitely adjustable settings are made using a slider on the screen.

Changes are automatically stored when a menu is closed.

Changing the sound character or sound focus (balance and fader)

- Press the Treble - Mid - Bass function button to open the settings menu for changing the tone.
- Press the Balance - Fader function button to open the settings menu for changing the sound focus to the left or right (balance) and to the front or rear (fader).

Changing the sound focus in a vehicle view

- If you press the Balance - Fader function button, a vehicle view with a crosshair appears as well as the setting bar in some vehicles.

The crosshair shows the current sound focus in a view of the interior.

- Place your finger on the crosshair and, *without lifting it off*, drag it across the screen. Lift your finger off the screen once the sound focus is in the required position.
- **OR:** Press the point in the interior view where you want the sound focus to be.
- **OR:** Move the sound focus step by step by pressing the arrow buttons on the left of the screen.

Press the function button between the arrow buttons to return the sound focus to the centre of the interior view. ▶

Speed-dependent volume adjustment (GALA)

The speed-dependent volume control automatically adjusts the volume in line with the speed of the vehicle.

- In the **Setup Tone** main menu, press the Speed-dependent volume control function button.
- The degree to which the volume increases with speed is adjusted on a scale between **1** and **7**.

If a low value is set, the volume rises only slightly as the speed of the vehicle increases. At a high setting the volume increases further. To switch off speed-dependent volume adjustment, move the slider all the way to the left.

Changing volume settings and adjustments

It is possible to preset some volume settings and adjustments.

While volume settings are being adjusted, the currently active audio source is played at the level of the setting as it changes.

- In the **Setup Tone** main menu, press the Volume settings function button.
- In the **Volume settings** menu, press the Maximum switch-on volume, Traffic announcements ⇒ page 22 or Telephone volume [1] function button to open the corresponding settings menu.
- Pressing the PDC function button opens a pop-up window in which you can set the automatic audio volume reduction to be applied when the parking distance warning system is active.
- Pressing the Navigation and voice control function button opens another menu with settings for navigation announcements and voice control announcements.

Navigation and voice control menu

- Press the Voice volume function button to adjust the volume of announcements on the radio-navigation system.
- Press the Navigation announcements function button and select the setting (see also **Setup Navigation** ⇒ page 123).
- Press the Entertainment volume reduction function button to set by how much the volume of other audio sources should be reduced during announcements.

Switching audio-video output on and off

- In the **Setup Tone** main menu, press the AV output function button.
- Press the ▶ DVD function button to transmit the audio-video data from a video DVD in the drive via the radio-navigation system's optional audio-video output to an external device (for example, an LCD monitor).

During audio output through the audio-video output, it is still possible to play back another audio source via the radio navigation system.

- Press the ▶ Off function button to deactivate the audio-video output.

Confirmation tone

Switch the confirmation tone for pressing of a function button on or off.

[1] Only in units equipped with a factory-fitted mobile telephone provision that supports this function.

Menu and system settings (SETUP)

Introduction

The range of possible settings depends on the country, the unit and the vehicle's equipment specification.

Opening and using settings main menu (SETUP)

- Press the SETUP unit button to open the **Setup** main menu.
- To adjust the settings for a certain function, press the appropriate function button.

If the checkbox in a function button is ticked ☑, the function is switched on.

Infinitely adjustable settings are made with a slider.

You can always go back to the previously active menu from the settings menus and the **Setup** main menu by pressing the function button.

All changes are applied automatically when the menus are closed.

Additional information and warnings:

- Safety notes ⚠ ⇒ page 4
- Unit overview ⇒ page 6
- Basic information on use ⇒ page 8

Radio settings

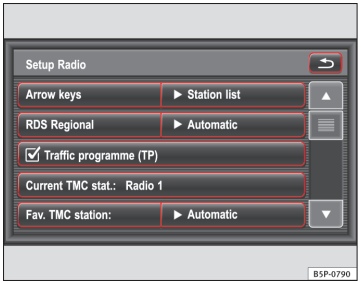

Fig. 112 Menu: radio settings

- Press the SETUP unit button.
- Press the Radio function button to define the settings for radio mode ⇒ page 17.

Function button: effect
Arrow buttons: define the station selection for the arrow buttons ◁ and ▷
Station list: **all** available stations on the selected frequency band can be browsed with the arrow buttons.
Preset list: **only** stored stations can be selected with the arrow buttons. **Presets** is displayed ⇒ Fig. 11. The unit will also change to a station on a different frequency band (FM, AM and DAB).
RDS Regional: define the setting for automatic station tracking with RDS ⇒ page 22.
Automatic: the unit always switches to the radio station's frequency that currently offers the best reception. As a result, regional programmes may be interrupted.
Fix: the unit only switches to alternative frequencies for the selected radio station that broadcast the same regional service.

Function button: effect
☑ Traffic news (TP): the TP function is switched on ⇒ page 22.
Current TMC station: ...: the TMC station from which TMC traffic reports are being received is displayed in the function button.
Preferred TMC station
Automatic: the unit always automatically searches for a TMC station.
OR: touch to select the required TMC station from the station list. If the selected TMC station can no longer be received, the system automatically searches for a TMC station.
☑ DAB traffic announcements: DAB traffic announcements are played in the same way as TP traffic announcements in all operating modes.
☑ DAB: other announcements: DAB announcements (news, sport, weather, warnings etc.) will interrupt the current DAB radio mode.
☑ DAB programme tracking: automatic station tracking within the DAB frequency range is activated.
☑ Automatic switch DAB▷FM: switching to FM frequency band is allowed for automatic station tracking.
☑ DAB L-band: L-band is activated (low-range station frequencies for local reception).
Deleting the preset list: when Delete is touched, all stored radio stations are deleted.

Media settings

- Press the SETUP unit button.
- Press the Media function button.

Function button: effect
☑ Activate AV input[a]: it is possible to switch to an AV input in the *video menu*.
☑ Enable AUX Input: The AUX function button is active in the *Audio menu*. Press it to open the **AUX** menu ⇒ page 41.
☐ Play Bluetooth audio automatically: Bluetooth audio playback starts automatically when playback is started on the connected Bluetooth media player ⇒ page 41.
AUX input level: Adjust the **input volume** for an external audio source (AUX) or an iPod™ connected to the MEDIA-IN multimedia interface (MDI) to the **output volume** of the other audio sources.
☑ Deactivate artist/title name: no track information is displayed even if available.
☑ Scan/mix/repeat including subfolders: subfolders will be included in the selected playback mode. This setting must be defined before the playback mode is activated.

[a] Can only be displayed or is only enabled in units with a TV receiver.

Adjusting the output volume

If you need to increase the output volume of a connected audio source, first lower the base volume on the radio-navigation system.

If the sound from the external audio source is **too quiet**, if possible, increase the **output volume** on the audio source. If this is not sufficient, set the **input volume** AUX input level to Medium or Loud.

If the sound from the connected external audio source is **too loud or distorted**, if possible, lower the **output volume** on the audio source. If this is not sufficient, set the AUX input level to Medium or Quiet.

Telephone settings

- Press the SETUP unit button.
- Press the Telephone function button.

Function button: effect
Update telephone book: the telephone book entries in the radio-navigation system will be updated from the mobile telephone and SIM card. This procedure can take a few minutes.
Delete call lists: if the prompt is confirmed by pressing the Delete function button, all telephone numbers stored in call lists will be deleted ⇒ page 115.
Speed dial: following selection of a speed dial button, the **Speed dial** menu opens, where the speed dial button can be reassigned.

Map settings

- Press the SETUP unit button.
- Press the Map function button.

Function button: effect
additional window: define the position of the *additional window* ⇒ page 99.
Route guidance symbol: 2D or 3D: define how the compass and travel direction arrows are displayed during route guidance.
Destination display: define what information is displayed in the ⊕... / ⏲... function button during route guidance in tour mode ⇒ page 89.
Destination: the distance and the estimated travelling time or time of arrival at the final destination are displayed.
Next stopover: the distance and the estimated travelling time or time of arrival at the next stopover destination are displayed.
Select map details: select point of interest categories to be displayed on the map ⇒ page 99.
Function button: effect
☑ Displaying favourite symbols: favourite destinations are displayed on the map with the stored symbol ⇒ page 99.
☑ Show speed limitation[a]: during route guidance, the speed limit stored in the navigation data for the street/road you are currently driving on is displayed.

[a] Is not displayed in vehicles with **traffic sign recognition (sign assist)** ⇒ page 106.

Navigation settings

- Press the SETUP unit button.
- Press the Navigation function button.

Function button: effect
☑ Suggest 3 alternative routes: following the start of route guidance, 3 **alternative routes** are displayed on the map ⇒ page 89.
Navigation announcements: setting for spoken navigation recommendations during route guidance ⇒ page 89.
Off: no spoken navigation recommendations.
Dynamic[a]: spoken navigation recommendations only if you leave the route.
On: navigation recommendations are always spoken as well.
Time display: display during route guidance ⇒ page 89.
Arrival time: the estimated time of arrival at the final destination or stopover destination (tour mode) is displayed.
Remaining time: the estimated travelling time remaining to the final destination or next stopover destination (tour mode) is displayed.

Function button: effect
My POIs [a]: in some countries it is possible to create your own point of interest databases using the “SEAT NAV Companion”. These can be imported into the radio-navigation system. Like other point of interest categories, categories from an imported point of interest database can be selected from the main category Personal POIs for point of interest searches ⇒ page 62 or for display as symbols on the map ⇒ page 99.
Import: imports the point of interest database as the main category “Personal POIs”. Only **one** point of interest database can be stored in the unit at any one time. Any previously imported point of interest database will be replaced by the import.
Details: display details of the imported point of interest database.
Delete: deletes the imported point of interest database after a further confirmation prompt.
Define home address: see **Destination memory** ⇒ page 72.
Advanced navigation settings: opens an additional menu for further settings.
☑ Demo mode: after the start of route guidance, virtual route guidance can be started to the entered destination ⇒ page 89.
Enter start location: if demo mode is activated, a fictitious starting point for virtual route guidance can be defined when the vehicle is stationary.
Ø-Av. speed for time calc.: the arrival or driving time is calculated depending on the set average speed.

a) Currently not yet available everywhere.

Traffic information settings

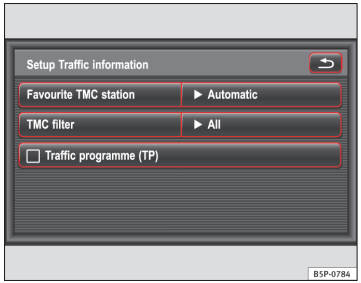

Fig. 113 Menu: traffic information settings

- Press the SETUP unit button.
- Press the Traffic information function button.

Function button: effect
TMC stations: select preferred TMC stations ⇒ page 123, Radio settings.
TMC filter: select which TMC traffic reports to display.
All: all current TMC traffic reports are displayed within a radius of 100 kilometres of the current vehicle position ⇒ page 89.
On the route: during route guidance, only TMC traffic reports relating to the calculated route are displayed ⇒ page 89.
☑ Traffic news (TP): The TP function is switched on ⇒ page 22.

System settings

- Press the SETUP unit button.
- Press the System function button.

Function button: effect
Language: Press to select the desired language for text and voice output.
OR: Select Automatic to apply the language set on the instrument cluster.
Distance unit: Define the unit of distance (kilometres, miles) for navigation manually.
Time format: Define the format for the time display (12 or 24-hour) manually.
Date format: Define the sequence for the date display manually.
Time display: Switch the time display for audio mode on or off ⇒ page 8.
Time and Date: In certain cases, these settings may only be performed manually. The time and date from the vehicle are usually adopted automatically.
Factory settings: Reset the unit to the original settings.

Resetting to factory settings

Resetting to the original settings **will erase entered data, destinations and settings**, depending on the selection made.

- Scroll down the list and press the last function button: Factory settings.
- In the **Factory settings** selection menu, select the checkboxes on the left of the entries that you want to delete.
- Press the Reset function button and, in the following confirmation dialogue, press the Reset function button.

Note

Music files stored on the unit's hard drive must be deleted manually ⇒ page 40.

Screen settings

- Press the SETUP unit button.
- Press the Display function button.

Function button: effect
Brightness: Select the screen brightness level in the pop-up window.
Day/night
Automatic: Daytime or night time design of the map view changes as the dipped beam headlights are switched on and off.
Day: Map view remains in bright daytime design.
Night: Map display remains in dark night time design.
Confirmation Tone: Switches the confirmation tone for pressing of a function button on or off.
Switch off display: Switches the display off. Press the screen briefly to switch it back on.

Video settings

Fig. 114 Menu: video settings

- Press the SETUP unit button.
- Press the Video function button.

The languages available for selection as the menu, audio or subtitle language depends on the inserted video DVD.

Settings for TV mode ⇒ page 50.

Function button: effect
Audio language: select language for acoustic voice output.
Menu language: select language for display in the DVD film menu.
Subtitles: define language for displayed subtitles.
DVD format: Set aspect ratio for picture.

Abbreviations

Abbreviations

Abbreviation	Meaning
A2DP	Generic technology for transmission of audio signals via Bluetooth (Advanced Audio Distribution Profile).
AM	Amplitude modulation (medium wave, MW).
AUX	Audio auxiliary input.
AV	Audio-Video output.
AVRCP	Universal technology for remote control of audio sources via Bluetooth (Audio Video Remote Control Profile).
DAB	Digital audio broadcasting.
DIN	German Standards Authority (Deutsches Institut für Normung).
DTMF	Dual Tone Multiple Frequency.
DVB-T	Digital television or “universal TV” (Digital Video Broadcasting-Terrestrial).
EON	Support for other networks (Enhanced Other Network).
EPG	Electronic programme guide for DVB-T.
FM	Frequency modulation (very high frequency, VHF).
HDD	Hard disc drive (hard drive).
HFP	Wireless telephony (hands-free profile).
LED	Light-emitting diode.
MDI	External data medium (Media Device Interface).
MP3	Format for compressing audio files.
PDC	Parking distance warning system (Park-Distance-Control).
RDS	Radio Data System (RDS).
SIM	Subscriber identity module.
SMS	Short Message Service (text messaging).
TMC	Traffic message channel.
TP	Traffic news function (Traffic Programme).
VBR	Variable bit rate.
WMA	Format for compressing audio files.

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